



Direct Expansion

Tempered Water Air Conditioning

Battery Chargers

Refrigerator & Freezers

Origo

Refrigeration

- *Grunert*
- *KRA*
- *Adler Barbour*
- *Eskimo Ice*

Marine Components Price List

Prices noted are US list prices.

Effective Price Date: January 9, 2012

Prices are subject to change without notice.

This price list supercedes all others.

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Notes:

- 1) Due to a manufacturing facility change, part numbers listed in the book are subject to change without notice. Please contact your sales, applications, or service representative if you should have any questions.
- 2) Cruisair sells a large number of items for dealers, distributors, boat builders, and for international distribution. There are many customer-specific items which are not included in this price list. If you need an item, and can't find it in this list, ask your distributor, master dealer or one of the sales staff at Cruisair, it may still be available.
- 3) If you have a time critical situation, please tell us. We will do our best to facilitate your needs. Please do not request SAME DAY SERVICE unless absolutely necessary.

New Products for 2012

Bypassable Variable Frequency Drives

Smooth Starts & Stops Without Electrical Disturbances

Nominal HP	Max AMP Rating	Comp. Voltage	Reference #	List Price
5HP	17.5A	230V	4250500	\$7,000.00
7.5HP	25A	230V	4250501	\$8,000.00
10HP	31A	230V	4250502	\$9,700.00
15HP	48A	230V	4250503	\$11,000.00
20HP	61A	230V	4250504	\$13,000.00
25HP	75A	230V	4250505	\$15,500.00
5HP	9A	460V	5250510	\$7,000.00
7.5HP	12A	460V	5250511	\$8,000.00
10HP	16A	460V	5250512	\$9,700.00
15HP	23A	460V	5250513	\$11,000.00
20HP	31A	460V	5250514	\$13,000.00
25HP	38A	460V	5250515	\$15,500.00



Key Features:

- ♦ Eliminates inrush current at compressor startup.
- ♦ Eliminates power spikes at compressor shutdown.
- ♦ Bypasses the VFD once compressor is at peak speed for no electrical disturbances.
- ♦ Eliminates the need for line reactors and RFI filters.
- ♦ One unit can control up to four compressors.
- ♦ Available in sizes from 5HP to 25HP for 208V/240V or 380V/460V systems.

WhisperFan Controller

Silences Noisy AC_Driven Blower Motors

Item No.	List Price USD	Description
4220053	\$800.00	WhisperFan Controller 230V
4220054	\$800.00	WhisperFan Controller 115V

Key Features:

- ♦ Eliminates blower motor noise associated with low fan speeds.
- ♦ Makes AC-driven blowers as quiet as DC-driven blowers.
- ♦ User-programmable fan speeds.
- ♦ Provides overload protection to blower motor.
- ♦ Easy and economical solution for noisy fans.
- ♦ Works with all Marine Air cabin controls.
- ♦ Controls blowers up to three amps.
- ♦ Supports blowers that are 208-240VAC/50-60Hz.
- ♦ Support for 115VAC/60Hz blower motors available soon.



The WhisperFan Controller has a two-button keypad that allows you or your installer to adjust your fan speed settings.

New Products for 2012

Qht Eikon Display

Qht Display with Vimar Eikon Bezel

<u>Item No.</u>	<u>List Price USD</u>	<u>Description</u>
722200201	\$250.00	Display QHT Marine DX TW Gray

Key Features:

- ♦ New dimensions fit the Eikon, the second-most popular bezel design from Vimar.
- ♦ Same functionality as previous Qht.
- ♦ Backlit buttons.



DuraSea Rooftop Air-Cooled Air Conditioner

Heavy-Duty Drop-In Cooling

<u>Item No.</u>	<u>List Price USD</u>	<u>Description</u>
TBD	\$2,400.00	DuraSea Rooftop 15K BTU with
3107206.017	\$125.00	Air Distribution Kit Polar White
3107206.009	\$125.00	Air Distribution Kit Shell White

Key Features:

- ♦ Designed for rooftop or deckmount installation
- ♦ Provides 15,000 BTU/hr of cooling
- ♦ Air-cooled, no plumbing required
- ♦ Rugged and strong, yet lightweight
- ♦ High efficiency, low power consumption
- ♦ Corrosion-resistant components
- ♦ Vibration-free operation
- ♦ Compressor stabilization to endure extreme motion
- ♦ Three-speed high-performance fan for cooling or ventilation
- ♦ Environmentally safe R-410A refrigerant
- ♦ Air distribution box (sold separately) includes mechanical control and interior panel
- ♦ Optional electric heating kit
- ♦ Optional Breathe Easy™ Air Purifier reduces odors, mold and bacteria



Compressor is bracketed at top and bottom to minimize vibration and movement



The air distribution box (sold separately) mounts on the ceiling to provide A/C controls



The integrated Breathe Easy™ air purifier is easily removed for UV bulb replacement

New Products for 2012

Dometic Portable Ice Maker

Makes 33 lbs of ice every 24 hours

<u>Item No.</u>	<u>List Price USD</u>	<u>Description</u>
HZB-15S	\$299.00	Ice Maker, Top Load 120V Stainless-steel/Black

Key Features:

Makes 33 lbs. of ice every 24 hours

- ◆ Removable basket holds 2.5 lbs. of ice
- ◆ Makes three sizes of ice cubes
- ◆ Ice is ready 15 minutes after starting
- ◆ Easy-to-use LED display/control panel
- ◆ Slotted ice basket allows water from melting ice to be recycled into more ice
- ◆ Automatic shutoff when water is low
- ◆ Automatic shutoff when ice basket is full
- ◆ Stainless-steel finish
- ◆ Ice scoop included
- ◆ Self-storing drain fitting
- ◆ UL approved
- ◆ Dometic 1-Year Protection Plus warranty



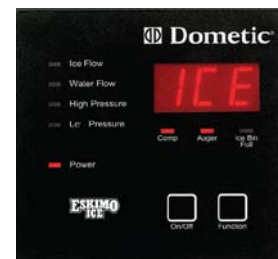
Ice Cube Fishbox Ice System

Produces up to 540 lbs. of Ice Per Day

<u>Item No.</u>	<u>List Price USD</u>	<u>Description</u>
252000040	\$12,200.00	EI540D-115 Digital Control 115V
252000041	\$12,200.00	EI540D-230 Digital Control 230V
252000042	\$12,500.00	EI540D-220 Digital Control 220V

Key Features:

- ◆ Produces up to 540 lbs. (245 kg) of fishbox ice per day
- ◆ Compact footprint - 16 x 16 in. (413 x 413 mm)
- ◆ Available in 60Hz or 50Hz
- ◆ Up to two remotely-mounted Smart Logic digital controls/display panels
- ◆ Photo-electric ice-level sensor
- ◆ Start-time delay
- ◆ Fresh-water filter included
- ◆ Pre-charged system
- ◆ Sensors monitor all system functions
- ◆ Manual reset to restart system from lockout
- ◆ Improved fresh-water float switch
- ◆ Ventilated cover panels can be removed for maintenance access from any side



The Smart Logic digital control features a bright LED and full menu of sensors and status lights to monitor gas pressure, auger motor, compressor, water level, ice level, and ice clogs.

DIRECT EXPANSION SECTION

Self Contained Units

Stowaway Turbo Unit ("Q" Logic) w/ 410A

Includes "Q" power/logic box and a TSEP5. Q3 & Qht keypads and CXP cable are sold separately.

<u>Item No.</u>	<u>List Price USD</u>	<u>Description</u>
205561250	\$2,120.00	STQ6-410A 115V
205563250	\$2,225.00	STQ6C-410A 230V
205562250	\$2,225.00	STQ6CK-410A 220V
205561350	\$2,280.00	STQ8-410A 115V
205563350	\$2,310.00	STQ8C-410A 230V
205562350	\$2,365.00	STQ8CK-410A 220V
205561450	\$2,505.00	STQ10-410A 115V
205563450	\$2,520.00	STQ10C-410A 230V
205562450	\$2,560.00	STQ10CK-410A 220V
205561550	\$2,585.00	STQ12-410A 115V
205563550	\$2,600.00	STQ12C-410A 230V
205562550	\$2,685.00	STQ12CK-410A 220V
205561750	\$2,715.00	STQ16-410A 115V
205563750	\$2,745.00	STQ16C-410A 230V
205562750	\$2,970.00	STQ16CK-410A 220V

Stowaway Turbo Unit (SMXII) w/410A

Includes SMXII power/logic box and a TSEP5. SMXir & SMXht keypads and CXP cable are sold separately.

205561255	\$2,220.00	STX6-410A 115V
205563255	\$2,325.00	STX6C-410A 230V
205562255	\$2,325.00	STX6CK-410A 220V
205561355	\$2,380.00	STX8-410A 115V
205563355	\$2,410.00	STX8C-410A 230V
205561455	\$2,605.00	STX10-410A 115V
205563455	\$2,620.00	STX10C-410A 230V
205562455	\$2,660.00	STX10CK-410A 220V
205561555	\$2,685.00	STX12-410A 115V
205563555	\$2,700.00	STX12C-410A 230V
205562555	\$2,785.00	STX12CK-410A 220V
205561755	\$2,815.00	STX16-410A 115V
205561756	\$3,165.00	STX16-410A 115V, with SmartStart™
205563755	\$2,845.00	STX16C-410A 230V
205562755	\$3,070.00	STX16CK-410A 220V

StowAway Turbo (3-knob switch) w/410A

For use with SSA3 type 3-knob switch. Switch sold separately.

205561285	\$1,820.00	STH6-410A 115V
205563285	\$1,925.00	STH6C-410A 230V
205562285	\$1,925.00	STH6CK-410A 220V
205561385	\$1,980.00	STH8-410A 115V
205563385	\$2,010.00	STH8C-410A 230V
205562385	\$2,065.00	STH8CK-410A 220V
205561485	\$2,205.00	STH10-410A 115V
205563485	\$2,220.00	STH10C-410A 230V
205562485	\$2,260.00	STH10CK-410A 220V
205561585	\$2,285.00	STH12-410A 115V
205563585	\$2,300.00	STH12C-410A 230V
205562585	\$2,385.00	STH12CK-410A 220V
205561785	\$2,415.00	STH16-410A 115V
205563785	\$2,445.00	STH16C-410A 230V
205562785	\$2,670.00	STH16CK-410A 220V

StowAway Compact ("Q") w/410A

Includes "Q" power/logic box and a TSEP5. Q3 & Qht keypads and CXP cable are sold separately.

205511700	\$3,415.00	SQUF18-HV 410A, RMTBX, 115V 60HZ
205511702	\$3,465.00	SQUF18C-HV 410A, RMTBX, 230V 60HZ
205410018	\$3,605.00	SQUF18CK-HV 410A, RMTBX, 220V 50HZ
205511800	\$4,335.00	SQUF27C-HV 410A, RMTBX, 230V 60HZ
205410016	\$4,395.00	SQUF27CK-HV 410A, RMTBX, 220V 50HZ

StowAway Compact (SMX II) w/R410A

Includes SMXII power/logic box and a TSEP5. SMXir & SMXht keypads and CXP cable are sold separately.

205410020	\$3,515.00	SXUF18-HV 410A, RMTBX, 115V 60HZ
205410034	\$3,565.00	SXUF18C-HV 410A, RMTBX, 230V 60HZ

StowAway Compact (SMX II) w/R410A continued

<u>Item No.</u>	<u>List Price USD</u>	<u>Description</u>
205410032	\$3,705.00	SXUF18CK/1-HV 410A, RMTBX, 220V 50HZ
205410036	\$4,495.00	SXUF27C-HV 410A, RMTBX, 230V 60HZ

StowAway Compact Notes:

1. StowAway Compact units include a TSEP5, air filter and a high-pressure switch.
2. A hose (duct) adapter is not included with SXF/SHF units and must be ordered separately.
3. SHF/SXF24C and CK units have scroll compressors.
4. Controls are not included with StowAway units, and must be ordered separately.
5. Refer to spec. sheet L-2006 for more information.

DURASEA ROOFTOP Air-Cooled Air Conditioner, NEW FOR 2012

<u>Item No.</u>	<u>List Price USD</u>	<u>Description</u>
TBD	\$2,400.00	DuraSea Rooftop 15K BTU
3107206.017	\$125.00	Air Distribution Kit Polar White
3107206.009	\$125.00	Air Distribution Kit Shell White

The Breeze Low-Profile Self-Contained Units

205411898	\$3,485.00	SQL13CK, 417A, 220V 60HZ, For use with Q-Logic Control
205511600	\$3,485.00	SQL16, 410A, 115V 60HZ, For use with the Q-Logic Control
205410012	\$3,485.00	SQL16C, 410A, 230V 60HZ, For use with the Q-Logic Control
205410022	\$3,485.00	SQL16CK, 410A, 220V 50HZ, For use with the Q-Logic Control
205511605	\$3,710.00	SXL16C, 410A, 230V 60HZ, For use with the SMXII control
205511601	\$3,485.00	SXL16K, 410A, 115V 60HZ, For use with the SMXII control
205511604	\$3,485.00	SXL16CK, 410A, 220V 50HZ, For use with the SMXII control

ENVIROCOOL SYSTEMS - Mechanical Control**UNITS ONLY**

207444005	\$1,650.00	ECM5KC-HV 417A, 5,000BTU/Hr, 4"MR, Mechanical Control, 115V 60Hz
207444205	\$1,780.00	ECM5KCZ50-HV 417A, 5,000BTU/Hr, 4"MR, Mechanical Control, 220V 50Hz
207444007	\$1,690.00	ECM6.5KC-HV 417A, 6,500 BTU/Hr, 5"MR, Mechanical Control, 115V 60Hz
207444008	\$1,885.00	ECM9KC-HV 417A, 9,000BTU/Hr, 6"MR, Mechanical Control, 115V 60Hz
207444009	\$2,005.00	ECM11KC-HV 417A, 11,000BTU/Hr, 6"MR, Mechanical Control, 115V 60Hz
207444207	\$2,135.00	ECM11KCZ50-HV 417A, 11,000BTU/Hr, 6"MR, Mechanical Control, 220V 50Hz
207444010	\$2,120.00	ECM15KC-HV 417A, 15,000BTU/Hr, 6"MR, Mechanical Control, 115V 60Hz
207444209	\$2,250.00	ECM15KCZ50-HV 417A, 15,000BTU/Hr, 6"MR, Mechanical Control, 220V 50Hz

COMPLETE KITS (Includes unit, control, pump, grills, duct, & associated hardware)

207444301	\$2,250.00	ECM5KC-HV 417A KIT, 5,000BTU/Hr, 4"MR, 2-Knob, 115V 60Hz
207444303	\$2,610.00	ECM5KCZ50-HV 417A KIT, 5,000BTU/Hr, 4"MR, 2-Knob, 220V 50Hz
207444304	\$2,399.00	ECM6.5KC-HV 417A KIT, 6,500BTU/Hr, 5"MR, 2-Knob, 115V 60Hz
207444305	\$2,650.00	ECM9KC-HV 417A KIT, 9,000BTU/Hr, 6"MR, 2-Knob, 115V 60Hz
207444307	\$2,850.00	ECM11KC-HV 417A KIT, 11,000BTU/Hr, 6"MR, 2-Knob, 115V 60Hz
207444308	\$2,860.00	ECM11KCZ50-HV 417A KIT, 11,000BTU/Hr, 6"MR, 2-Knob, 220V 50Hz
207444309	\$3,050.00	ECM15KC-HV 417A KIT, 15,000BTU/Hr, 6"MR, 2-Knob, 115V 60Hz
207444310	\$3,175.00	ECM15KCZ50-HV 417A KIT, 15,000BTU/Hr, 6"MR, 2-Knob, 220V 50Hz

Note: These units and kits are in limited supply.**ENVIROCOMFORT SYSTEMS (R417A) - Digital Control****UNITS ONLY (R417A)**

207400005	\$1,548.00	ECD5K-HV 417A, 5,000BTU/Hr, 4"MR, Remote Box, 115V 60Hz
207400209	\$1,648.00	ECD5KZ50-HV 417A, 5,000BTU/Hr, 4"MR, Remote Box, 220V 50Hz
207400007	\$1,600.00	ECD6.5K-HV 417A, 6,500BTU/Hr, 5"MR, Remote Box, 115V 60Hz
207400008	\$1,658.00	ECD9K-HV 417A, 9,000BTU/Hr, 6"MR, Remote Box, 115V 60Hz
207400009	\$1,708.00	ECD11K-HV 417A, 11,000BTU/Hr, 6"MR, Remote Box, 115V 60Hz
207400016	\$1,758.00	ECD15K-HV 417A, 15,000BTU/Hr, 6"MR, Remote Box, 115V 60Hz
207400208	\$1,953.00	ECD15KZ50-HV 417A, 15,000BTU/Hr, 6"MR, Remote Box, 220V 50Hz

RETROFIT KITS (R417A - Includes unit and control)

207400314	\$1,650.00	ECD5K-HV 417A KIT, 5,000BTU/Hr, 4"MR, Remote Box, 115V 60Hz
207400315	\$1,760.00	ECD9K-HV 417A KIT, 9,000BTU/Hr, 6"MR, Remote Box, 115V 60Hz
207400316	\$1,860.00	ECD15K-HV 417A KIT, 15,000BTU/Hr, 6"MR, Remote Box, 115V 60Hz

COMPLETE KITS (R417A) (Includes unit, control, pump, grills, duct, & associated hardware)

207400301	\$2,570.00	ECD5K-HV 417A KIT, 5,000BTU/Hr, 4"MR, Remote Box, 115V 60Hz
207400302	\$2,790.00	ECD5KZ50-HV 417A KIT, 5,000BTU/Hr, 4"MR, Remote Box, 220V 50Hz
207400304	\$2,720.00	ECD6.5K-HV 417A KIT, 6,500BTU/Hr, 5"MR, Remote Box, 115V 60Hz
207400305	\$2,970.00	ECD9K-HV 417A KIT, 9,000BTU/Hr, 6"MR, Remote Box, 115V 60Hz
207400307	\$3,170.00	ECD11K-HV 417A KIT, 11,000BTU/Hr, 6"MR, Remote Box, 115V 60Hz
207400310	\$3,370.00	ECD15K-HV 417A KIT, 15,000BTU/Hr, 6"MR, Remote Box, 115V 60Hz
207400311	\$3,910.00	ECD15KZ50-HV 417A KIT, 15,000BTU/Hr, 6"MR, Remote Box, 220V 50Hz

ENVIROCOMFORT SYSTEMS (R410A) - Digital Control, **NEW FOR 2012**

UNITS ONLY (R410A)

207500005	\$1,622.00	ECD6K-HV 410A, 6,000BTU/Hr, 4"MR Remote Box, 115V 60Hz
207500220	\$1,722.00	ECD6KZ50-HV 410A, 6,000BTU/Hr, 4"MR Remote Box, 220V 50Hz
207500009	\$1,812.00	ECD10K-HV 410A, 10,000BTU/Hr, 6"MR Remote Box, 115V 60Hz
207500016	\$1,956.00	ECD16K-HV 410A, 16,000BTU/HR, 6"MR Remote Box, 115V 60Hz

RETROFIT KITS (R410A - Includes unit and control)

<u>Item No.</u>	<u>List Price USD</u>	<u>Description</u>
207500306	\$1,725.00	ECD6K-HV 410A KIT, 6000BTU/Hr, 4"MR, Remote Box, 115V 60Hz
207500310	\$1,915.00	ECD10K-HV 410A KIT, 10,000BTU/Hr, 6"MR, Remote Box, 115V 60Hz
207500316	\$2,059.00	ECD16K-HV 410A KIT, 16,000BTU/Hr, 6"MR, Remote Box, 115V 60Hz

INSTALLATION KITS (R410A)

218000106	\$978.00	Installation Kit 6K for ECD6K-HV 410A
218000110	\$1,028.00	Installation Kit 10K for ECD10K-HV 410A
218000116	\$1,107.00	Installation Kit 16K for ECD16K-HV 410A

Note: Installation kit does not include unit. Use with above retrofit kits for complete installation.

DUAL DUCT KITS

For both EnviroCool and EnviroComfort Units

226600091	\$130.00	Dual Duct Kit 6.5K Enviro Units
226600092	\$130.00	Dual Duct Kit, 9, 11, 15K Enviro Units

Cuddy DC KITS

207415575	\$2,834.00	Cuddy 3.5 BTU, dpm, 150 pump, control, polarized plugs
207415577	\$2,897.00	Cuddy 3.5 BTU, dpm, 250 pump, control, polarized plugs

Cuddy DC Dual Duct Kits

226000300	\$130.00	Air Distribution Kit White
226000301	\$130.00	Air Distribution Kit Black

CoolBreeze

Designed for use in cockpit & flybridge areas. To be used with an on/off switch provided by installer. Cooling only.

Temperature settings are pre-programmed by factory.

703112251	\$3,380.00	RSC12C-417, Condensing Unit, Cooling only, 12,000BTU/Hr, 230/60/1
715000602	\$1,660.00	SCE6C, Evaporator with TX Valve, 6,000BTU/Hr, 230/60/1***
713016002	\$260.00	Duct Kit, 6" flex duct x 3" pipe with clamps (One per CoolBreeze Evap.)

***This Evaporator can be used with CoolBreeze system ONLY.

Remote Condensing Units

EMERALD SERIES CONDENSING UNITS (Q-LOGIC)

712106100	\$2,190.00	EQ6-410A, 115V, 60HZ
712106200	\$2,190.00	EQ6-410A, 230V, 60HZ
712106300	\$2,250.00	EQ6-410A, 240V, 50 HZ
712108100	\$2,190.00	EQ8-410A, 115V, 60HZ
712108200	\$2,190.00	EQ8-410A, 230V, 60HZ
712108300	\$2,250.00	EQ8-410A, 240V, 50HZ
712110100	\$2,340.00	EQ10-410A, 115V, 60HZ
712110200	\$2,340.00	EQ10-410A, 230V 60 HZ
712110300	\$2,400.00	EQ10-410A, 240V, 50HZ
712112100	\$2,420.00	EQ12-410A, 115V, 60HZ
712112200	\$2,420.00	EQ12-410A, 230V, 60HZ
712112300	\$2,480.00	EQ12-410A, 240V, 50HZ
712116100	\$2,520.00	EQ16-410A, 115V, 60HZ
712116200	\$2,520.00	EQ16-410A, 230V 60 HZ
712116300	\$2,680.00	EQ16-410A, 240V, 50HZ
712124200	\$3,415.00	EQ24-410A, 230V, 60HZ, 1ph
712124300	\$3,475.00	EQ24-410A, 240V, 50HZ
712124400	\$3,650.00	EQ24-410A, 230V, 60HZ, 3ph
712124500	\$3,650.00	EQ24-410A, 460V, 60HZ, 3ph
712124600	\$3,650.00	EQ24-410A, 380V, 50HZ, 3ph
712130200	\$3,815.00	EQ30-410A, 230V, 60HZ, 1ph
712130300	\$3,915.00	EQ30-410A, 240V, 50HZ
712130400	\$4,305.00	EQ30-410A, 230V, 60HZ, 3ph
712130500	\$4,305.00	EQ30-410A, 460V, 60HZ, 3ph
712130600	\$4,305.00	EQ30-410A, 380V, 50HZ, 3ph
712136200	\$4,060.00	EQ36-410A, 230V, 60HZ, 1ph
712136300	\$4,160.00	EQ36-410A, 240V, 50HZ

EMERALD SERIES CONDENSING UNITS (Q-LOGIC) continued

<u>Item No.</u>	<u>List Price USD</u>	<u>Description</u>
712136400	\$4,460.00	EQ36-410A, 230V, 60HZ, 3ph
712136500	\$4,460.00	EQ36-410A, 460V, 60HZ, 3ph
712136600	\$4,460.00	EQ36-410A, 380V, 50HZ, 3ph
712148200	\$4,620.00	EQ48-410A, 230V, 60HZ, 1ph
712148300	\$4,850.00	EQ48-410A, 240V, 50HZ
712148400	\$5,210.00	EQ48-410A, 230V, 60HZ, 3ph
712148500	\$5,210.00	EQ48-410A, 460V, 60HZ, 3ph
712148600	\$5,210.00	EQ48-410A, 380V, 50HZ, 3ph

**EQ60-72 available. Please contact your Dometic Sales Representative for part numbers and pricing.

EMERALD SERIES CONDENSING UNITS (Manual Controls)

712006100	\$1,890.00	EM6-410A, 115V, 60HZ
712006200	\$1,890.00	EM6-410A, 230V, 60HZ
712006300	\$1,950.00	EM6-410A, 240V, 50HZ
712008100	\$1,890.00	EM8-410A, 115V, 60HZ
712008200	\$1,890.00	EM8-410A, 230V, 60HZ
712008300	\$1,950.00	EM8-410A, 240V, 50HZ
712010100	\$2,040.00	EM10-410A, 115V, 60HZ
712010200	\$2,040.00	EM10-410A, 230V, 60HZ
712010300	\$2,100.00	EM10-410A, 240V, 50HZ
712012100	\$2,120.00	EM12-410A, 115V, 60HZ
712012200	\$2,120.00	EM12-410A, 230V, 60HZ
712012300	\$2,180.00	EM12-410A, 240V, 50HZ
712016100	\$2,220.00	EM16-410A, 115V, 60HZ
712016200	\$2,220.00	EM16-410A, 230V, 60HZ
712016300	\$2,380.00	EM16-410A, 240V, 50HZ
712024200	\$3,115.00	EM24-410A, 230V, 60HZ, 1ph
712024300	\$3,175.00	EM24-410A, 240V, 50HZ
712024400	\$3,350.00	EM24-410A, 230V, 60HZ, 3ph
712024500	\$3,350.00	EM24-410A, 460V, 60HZ, 3ph
712024600	\$3,350.00	EM24-410A, 380V, 50HZ, 3ph
712030200	\$3,515.00	EM30-410A, 230V, 60HZ, 1ph
712030300	\$3,615.00	EM30-410A, 240V, 50HZ
712030400	\$4,005.00	EM30-410A, 230V, 60HZ, 3ph
712030500	\$4,005.00	EM30-410A, 460V, 60HZ, 3ph
712030600	\$4,005.00	EM30-410A, 380V, 50HZ, 3ph
712036200	\$3,760.00	EM36-410A, 230V, 60HZ, 1ph
712036300	\$3,860.00	EM36-410A, 240V, 50HZ
712036400	\$4,160.00	EM36-410A, 230V, 60HZ, 3ph
712036500	\$4,160.00	EM36-410A, 460V, 60HZ, 3ph
712036600	\$4,160.00	EM36-410A, 380V, 50HZ, 3ph
712048200	\$4,320.00	EM48-410A, 230V, 60HZ, 1ph
712048300	\$4,550.00	EM48-410A, 240V, 50HZ
712048400	\$4,910.00	EM48-410A, 230V, 60HZ, 3ph
712048500	\$4,910.00	EM48-410A, 460V, 60HZ, 3ph
712048600	\$4,910.00	EM48-410A, 380V, 50HZ, 3ph

Note: The EM Series provides field connections for: Mechanical, Digital, or existing controls.

Please contact Dometic Environmental - Applications department with any questions.

RX Type Condensing Units (SMX II)

Includes SMX II power/logic box. SMXir or SMXht keypad, CXP and TSEP cables are sold separately.

701305100	\$2,425.00	RX5-417 - SMX II, 5,000 BTU/Hr, 115/60/1
701307100	\$2,425.00	RX7-417 - SMX II, 7,000 BTU/Hr, 115/60/1
701307201	\$2,425.00	RX7C-417 - SMX II, 7,000 BTU/Hr, 208-240/60/1 & 200/50/1
701307302	\$2,490.00	RX7CK-417 - SMX II, 7,000 BTH/Hr, 417 Refrig, 240/50/1
701310101	\$2,575.00	RX10-417 - SMX II, 10,000 BTU/Hr, 115/60/1
701310200	\$2,575.00	RX10C-417 - SMX II, 10,000 BTU/Hr, 208-240/60/1 & 200/50/1
701310301	\$2,640.00	RX10CK-417 - SMX II, 10,000 BTU/Hr, 417 Refrig, 220-240/50/1
701312100	\$2,665.00	RX12-417 - SMX II, 12,000 BTU/Hr, 115/60/1
701312201	\$2,665.00	RX12C-417 - SMX II, 12,000 BTU/Hr, 208-240/60/1 & 200/50/1
701312302	\$2,725.00	RX12CK-417 - SMX II, 12,000 BTU/Hr, 417 Refrig, 220-240/50/1
701316101	\$2,770.00	RX16-417 - SMX II, 16,000 BTU/r, 115/60/1
701316201	\$2,770.00	RX16C-417 - SMX II, 16,000 BTU/Hr, 208-240/60/1 & 200/50/1
701316302	\$2,940.00	RX16CK-417 - SMX II, 16,000 BTU/Hr, 417 Refrig, 220-240/50/1
701320303	\$3,790.00	RX20C-417 - SMX II, 20,000 BTU/Hr, 208-240/60/1 & 200/50/1
701320305	\$3,850.00	RX20CK-417 - SMX II, 20,000 BTU/Hr, 417 Refrig, 220-240/50/1
701320306	\$3,790.00	RX24C-417 - SMX II, 24,000 BTU/Hr, 208-240/60/1 & 200/50/1
701320308	\$3,850.00	RX24CK-417 - SMX II, 24,000 BTU/Hr, 417 Refrig, 220-240/50/1
701324801	\$4,040.00	RX24ECK-417 - SMX II, 24,000 BTU/Hr, 417 Refrig, 380-420/50/3, 230V/1Ph Control

RX Type Condensing Units (SMX II) continued*Includes SMX II power/logic box. SMXir or SMXht keypad, CXP and TSEP cables are sold separately.*

Item No.	List Price USD	Description
701330308	\$4,220.00	RX30C-417 - SMX II, 30,000 BTU/Hr, 208-240/60/1 & 200/50/1
701330309	\$4,325.00	RX30CK-417 - SMX II, 30,000 BTU/Hr, 417 Refrig, 220-240/50/1
701336304	\$4,485.00	RX36C-417 - SMX II, 36,000 BTU/Hr, 208-240/60/1 & 200/50/1
701336303	\$4,595.00	RX36CK-417 - SMX II, 36,000 BTU/Hr, 417 Refrig, 220-240/50/1
701336802	\$5,130.00	RX36ECK-417 - SMX II, 36,000 BTU/Hr, 417 Refrig, 380-420/50/3, 230V/1Ph Control
701348306	\$5,130.00	RX48C-417 - SMX II, 48,000 BTU/Hr, 208-240/60/1 & 200/50/1
701348305	\$5,375.00	RX48CK-417 - SMX II, 48,000 BTU/Hr, 417 Refrig, 220-240/50/1
701348801	\$5,765.00	RX48ECK-417 - SMX II, 48,000 BTU/Hr, 417 Refrig, 380-420/50/3, 230V/1Ph Control

R Type Condensing Units (Manual Controls)

701105101	\$2,245.00	R5-417 - 5,000 BTU/Hr, 115/60/1
701107100	\$2,210.00	R7-417 - 7,000 BTU/Hr, 115/60/1
701107200	\$2,210.00	R7C-417 - 7,000 BTU/Hr, 208-240/60/1 & 200/50/1
701110101	\$2,360.00	R10-417 - 10,000 BTU/Hr, 115/60/1
701110200	\$2,360.00	R10C-417 - 10,000 BTU/Hr, 208-240/60/1 & 200/50/1
701112102	\$2,450.00	R12-417 - 12,000 BTU/Hr, 115/60/1
701112200	\$2,450.00	R12C-417 - 12,000 BTU/Hr, 208-240/60/1 & 200/50/01
701112300	\$2,510.00	R12CK-417 - 12,000 BTU/Hr, 417 Refrig, 220-240/50/1
701116102	\$2,555.00	R16-417 - 16,000 BTU/Hr, 115/60/1
701116200	\$2,555.00	R16C-417 - 16,000 BTU/Hr, 208-240/60/1 & 200/50/1
701116300	\$2,725.00	R16CK-417 - 16,000 BTU/Hr, 417 Refrig, 220-240/50/1
701120201	\$3,575.00	R20C-417 - 20,000 BTU/Hr, 208-240/60/1 & 200/50/1
701124201	\$3,800.00	R24C-417 - 24,000 BTU/Hr, 208-240/60/1 & 200/50/1
701024503	\$4,065.00	R24DC-417 - 24,000 BTU/Hr, 230/60/3
701130201	\$4,005.00	R30C-417 - 30,000 BTU/Hr, 208-240/60/1 & 200/50/1
701136201	\$4,270.00	R36C-417 - 36,000 BTU/Hr, 208-240/60/1 & 200/50/1
701336305	\$4,700.00	R36DC-417 - 36,000 BTU/Hr, 230/60/3
701136602	\$5,025.00	R36E-417 - 36,000 BTU/Hr, 460/60/3
701148201	\$5,000.00	R48C-417 - 48,000 BTU/Hr, 230/60/1
701148500	\$5,765.00	R48DC-417 - 48,000 BTU/Hr, 230/60/3
701148601	\$4,575.00	R48E-417 - 48,000 BTU/Hr, 460/60/3
701148801	\$5,210.00	R48ECK-417 - 48,000 BTU/Hr, 380/50/3

Remote Condensing Unit Notes:

1. Condenser Seawater Manifolds are not included with condensing units, and must be ordered separately.
2. Controls are not included with condensing units, and must be ordered separately.
3. All R and RX condensing units include low-pressure and high-pressure switches.
4. Refer to spec. sheets L-2702A and L-2702B for more information on the Emerald Series Condensing Units.
5. Refer to spec. sheets L-2431 and L-2360 for more information on the "R" and "RX" Type Condensing Units.

Remote Cooling/Heating Evaporator Units***Emerald DX Evaporator Series (R410A)***

215612000	\$1,005.00	TVE4, R410A compatible, 115V
215613000	\$1,005.00	TVE4, R410A compatible, 230V
215612100	\$1,005.00	TVE6, R410A compatible, 115V
215613100	\$1,005.00	TVE6, R410A compatible, 230V
215612200	\$1,005.00	TVE8, R410A compatible, 115V
215613200	\$1,005.00	TVE8, R410A compatible, 230V
215612300	\$1,055.00	TVE10, R410A compatible, 115V
215613300	\$1,055.00	TVE10, R410A compatible, 230V
215612400	\$1,085.00	TVE12, R410A compatible, 115V
215613400	\$1,085.00	TVE12, R410A compatible, 230V
215612500	\$1,155.00	TVE16, R410A compatible, 115V
215613500	\$1,155.00	TVE16, R410A compatible, 230V

TurboVaps (R417A/R22)

215412000	\$905.00	TV4, R-22/R-417A compatible, 115V
215413000	\$905.00	TV4, R-22/R-417A compatible, 230V
215412100	\$905.00	TV6, R-22/R-417A compatible, 115V
215413100	\$905.00	TV6, R-22/R-417A compatible, 230V

TurboVaps (R417A/R22) continued

Item No.	List Price USD	Description
215412200	\$905.00	TV8, R-22/R-417A compatible, 115V
215413200	\$905.00	TV8, R-22/R-417A compatible, 230V
215412300	\$955.00	TV10, R-22/R-417A compatible, 115V
215413300	\$955.00	TV10, R-22/R-417A compatible, 230V
215412400	\$985.00	TV12, R-22/R-417A compatible, 115V
215413400	\$985.00	TV12, R-22/R-417A compatible, 230V
215412500	\$1,055.00	TV16, R-22/R-417A compatible, 115V
215413500	\$1,055.00	TV16, R-22/R-417A compatible, 230V

Emerald Series Evaporators & TurboVaps Notes:

1. Duct Ring not included.
2. Refer to spec sheet L-2695A & L-2695B for more information

TurboVap Return Air Plenums

291001093	\$150.00	Plenum RA TV10-12 w/12" ring
229000034	\$160.00	Plenum RA TV16 w/12" ring

TurboVap Drain Pans

239300038	\$60.00	Drain Pan, TV6-8, with Isolator Pads
239300039	\$60.00	Drain Pan, TV10-12, with Isolator Pads
239300040	\$60.00	Drain Pan, TV16, with Isolator Pads

Tube Extensions for TurboVaps

221300318	\$200.00	3' 1/4 x 3/8 ins fl2 (TurboVap 4-12K)
221300319	\$210.00	3' 3/8x 1/2 ins fl2 (TurboVap 16K)

Cooling Units, Draw-Through (R410A)

Come with hose adapters and high-efficiency blowers.

This product line is to replace the EBO, EBA & EBU cooling/heating units.

215400518	\$2,275.00	EBE18-230V, 18,000 BTU/Hr, 230V, 50/60Hz
215400524	\$2,490.00	EBE24-230V, 24,000 BTU/Hr, 230V, 50/60Hz
215400530	\$2,865.00	EBE30-230V, 30,000 BTU/Hr, 230V, 50/60Hz
215400536	\$2,920.00	EBE36-230V, 36,000 BTU/Hr, 230V, 50/60Hz

REU Cooling Units, Draw-Through (R417A/R22)

Come with hose adapters and high-efficiency blowers.

This product line is to replace the EBO, EBA & EBU cooling/heating units.

715012404	\$2,105.00	REU24C - 24,000 BTU/Hr, 9" Hose Adapter, 230/50-60/1
715013003	\$2,770.00	REU30C - 30,000 BTU/Hr, 10" Hose Adapter, 230/50-60/1

Low Profile Cooling Units, Draw-Through (R410A)

215400412	\$2,255.00	EBLE12-230V, 12,000 BTU/Hr, 230V, 50/60Hz, 2 High Velocity Blowers
215400415	\$2,360.00	EBLE16-115V, 16,000 BTU/Hr, 115V, 50/60Hz, 2 High Velocity Blowers
215400416	\$2,360.00	EBLE16-230V, 16,000 BTU/Hr, 230V, 50/60Hz, 2 High Velocity Blowers
215400424	\$2,875.00	EBLE24-230V, 24,000 BTU/Hr, 230V, 50/60Hz, 2 High Velocity Blowers
215400430	\$3,090.00	EBLE30-230V, 30,000 BTU/Hr, 230V, 50/60Hz, 2 High Velocity Blowers
215400436	\$3,305.00	EBLE36-230V, 36,000 BTU/Hr, 230V, 50/60Hz, 2 High Velocity Blowers

Low Profile Cooling Units, Draw-Through (R417A/R22)

715041603	\$2,015.00	EBUL16, 16,000 BTU/Hr, 115V, 50/60Hz, 2 High Velocity Blowers
EBUL16C	\$2,015.00	16,000 BTU/Hr, 230V, 50/60Hz, 2 High Velocity Blowers
715052404	\$2,490.00	EBUL24C, 24,000 BTU/Hr, 230V, 50/60Hz, 2 High Velocity Blowers
715053003	\$3,040.00	EBUL30C, 30,000 BTU/Hr, 230V, 50/60Hz, 2 High Velocity Blowers
715053605	\$3,040.00	EBUL36C, 36,000 BTU/Hr, 230V, 50/60Hz, 2 High Velocity Blowers
715041604	\$2,120.00	EBULP16, 16,000 BTU/Hr, 115V, 50/60Hz, 2 High Velocity Blowers
715041602	\$2,120.00	EBULP16C, 16,000 BTU/Hr, 230V, 50/60Hz, 2 High Velocity Blowers
715052407	\$2,600.00	EBULP24C, 24,000 BTU/Hr, 230V, 50/60Hz, 2 High Velocity Blowers

The Breeze Low Profile Evaporators (R410A)

215400315	**	EDLE16-115V, low profile evaporator, 115V
215400316	**	EDLE16-230V, low profile evaporator, 230V

****If interested in these items, please contact your Sales/Applications representative for pricing and availability.**

The Breeze Low Profile Evaporators (R417A/R22)

215311770	\$1,965.00	EDL16, low profile evaporator, 115V
215311870	\$1,965.00	EDL16C, low profile evaporator, 230V

EBD Direct-Drive Cooling Units (R410A)

<u>Item No.</u>	<u>List Price USD</u>	<u>Description</u>
215400630	\$3,405.00	EBDE30-230V, 30,000 BTU/Hr, Vertical Discharge, 230V, 60Hz
215400636	\$3,510.00	EBDE36-230V, 36,000 BTU/Hr, Vertical Discharge, 230V, 60Hz
215400648	\$3,725.00	EBDE48-230V, 48,000 BTU/Hr, Vertical Discharge, 230V, 60Hz
215400660	\$4,155.00	EBDE60-230V, 60,000 BTU/Hr, Vertical Discharge, 230V, 60Hz
215400672	\$4,155.00	EBDE72-230V, 72,000 BTU/Hr, Vertical Discharge, 230V, 60Hz

Mounting Brackets

MK1L	\$38.00	Mounting Leg with Rubber Grommet and Hardware
MK4L	\$142.00	Package of 4 MK1L Mounting Legs (as above)

Modulating Systems**Modulating Condensing Units***(Cooling Only With Condensate Pan)*

701724201	\$4,655.00	RM24C-417 - 24,000 BTU/Hr, 208-240/60/1 & 200/50/1
701724202	\$4,235.00	RM24CK-417 - 24,000 BTU/Hr, 417 Refrig, 220-240/50/1
701724501	\$5,015.00	RM24DC-417 - 24,000 BTU/Hr, 208-230/60/3 & 190-220/50/3, 230V/1Ph Control
701330205	\$5,085.00	RM30C-417 - 30,000 BTU/Hr, 208-240/60/1 & 200/50/1
701730303	\$5,190.00	RM30CK-417 - 30,000 BTU/Hr, 417 Refrig, 220-240/50/1
701730501	\$5,610.00	RM30DC-417 - 30,000 BTU/Hr, 208-230/60/3 & 190-220/50/3, 230V/1Ph Control
701742203	\$5,555.00	RM42C-417 - 42,000 BTU/Hr, 208-240/60/1 & 200/50/1
701742304	\$5,660.00	RM42CK-417 - 42,000 BTU/Hr, 417 Refrig, 220-240/50/1
701742501	\$5,875.00	RM42DC-417 - 42,000 BTU/Hr, 208-230/60/3 & 190-220/50/3, 230V/1Ph Control

Modulating Cooling Only or Cooling/Electric Heat Units, Draw-Through (R417A/R22)*High pressure blower with internal motor, solenoid valve (hose adapter sold separately).*

715221005	\$2,315.00	EHMB4C, 4,000 BTU/Hr, 230V, 50/60Hz, 1kW Heat
715221006	\$2,315.00	EHMB6C, 6,000 BTU/Hr, 230V, 50/60Hz, 1kW Heat
715221009	\$2,315.00	EHMB8C, 8,000 BTU/Hr, 230V, 50/60Hz, 1kW Heat
715221004	\$2,370.00	EHMB10C, 10,000 BTU/Hr, 230V, 50/60Hz, 1.5kW Heat
715221003	\$2,400.00	EHMB12C, 12,000 BTU/Hr, 230V, 50/60Hz, 2kW Heat
715221605	\$2,385.00	EHMB16C, 16,000 BTU/Hr, 230V, 50/60Hz, 2kW Heat

Refrigerant Distribution Manifolds

238100038	\$295.00	SD8-6(3) SUCTION DISTRIBUTOR 1/2 IN X (3) 3/8 OUT
238100047	\$375.00	SD12-8, SUCTION DISTRIBUTOR 3/4" IN X (5) 1/2"
238100048	\$260.00	DD4, DISCHARGE DISTRIBUTOR 3/8" IN X (5) 1/4" OUT
238100037	\$290.00	DD6-4(3) DISCHARGE DISTRIBUTOR 3/8" IN X (3) 1/4" OUT

Modulating System Controls

763100037	\$600.00	PLHMX-HV, SMX II P/L Box for Modulating Systems, 115/230V
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*Note: Use standard SMXir keypad and cables***Auxiliary Duct Heaters (Heat Modules)**

715230214	\$550.00	HMDL1-5, Heat Module, Line Duty, 1kW, 5" Duct, 115V
715230213	\$550.00	HMDL1C-5, Heat Module, Line Duty, 1kW, 5" Duct, 230V
715230125	\$690.00	HMDL1.5-6, Heat Module, Line Duty, 1.5kW, 6" Duct, 115V
715230126	\$690.00	HMDL1.5C-6, Heat Module, Line Duty, 1.5kW, 6" Duct, 230V
715230123	\$690.00	HMDL1.5-7, Heat Module, Line Duty, 1.5KW, 7" Duct, 115V
715230212	\$690.00	HMDL2-7, Heat Module, Line Duty, 2kW, 7" Duct, 115V
HMDL2C-7	\$690.00	Heat Module, Line Duty, 2kW, 7" Duct, 230V
715230730	\$690.00	HMDL3C-9, Heat Module, Line Duty, 3KW, 9" Duct, 230V
724600000	\$370.00	Auxiliary Heat Relay, 75Amp, 230V

Note: Heat Modules require SMX Net, Q-logic, or specific mechanical controls.**Defroster Units and Switches**

715201400	\$1,980.00	HBU1.5C-8, Defroster / Heating Unit, 1.5kW, 8" Duct, 230V
763100050	\$365.00	SA4D-ZC01, 2-Knob Switch Assembly for Defroster / Heating Unit, 230V

Cabin Controls

Q3 Keypad/Display

The Q3 Keypad/Display works only with "Q" logic boards.

722200250	\$175.00	Display Q3 Marine DX Black
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Qht Keypad/Display

The Qht Keypad/Display works only with "Q" logic boards.

<u>Item No.</u>	<u>List Price USD</u>	<u>Description</u>
722200201	\$250.00	Display Qht Eikon Marine Gray
722200200	\$225.00	Display Qht Marine Gray
722200210	\$225.00	Display Qht Marine White
5103700	\$4.00	Replacement adapter clips for using Vimar Idea bezels (supplied with SMXht and Qht)
335441	\$13.00	Bezel Vimar Poly Black
335442	\$13.00	Bezel Vimar Poly Idea White
335514	\$45.00	Bezel Vimar Metal Polished Gold Classica

Dometic I/O Control

222000226	\$205.00	Digital I/O Control for the ECD models ONLY
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SMXht Keypad/Display

The SMXht Keypad/Display works only with SMX II Control Systems.

722200000	\$235.00	Display SMXht Gray – DX
722200020	\$235.00	Display SMXht White – DX
5103700	\$4.00	Replacement adapter clips for using Vimar Idea bezels (supplied with SMXht)
335441	\$13.00	Bezel Vimar Poly Black
335442	\$13.00	Bezel Vimar Poly Idea White
335514	\$45.00	Bezel Vimar Metal Polished Gold Classica

SMXir Keypad/Display

(Works with SMX II and SMX Net Control Systems)

SMXIRB	\$235.00	Display SMXir Black ¾ Door – DX
SMXIRW	\$235.00	Display SMXir White ¾ Door – DX
297000045	\$240.00	SMXIRB-F, Display SMXir Black Full Door – DX
297000052	\$240.00	SMXIRW-F, Display SMXir White Full Door – DX
SMXIR-REM	\$75.00	Control Remote SMXir Black DX
5103400	\$75.00	SMXir Display Full Door – Black
5103400W	\$75.00	SMXir Display Full Door – White
5103612	\$26.00	Retrofit Wall Adapter Plate, SMX II/3-Knob to SMXir, Black
5103612W	\$21.00	Retrofit Wall Adapter Plate, SMX II/3-Knob to SMXir, White
5103200	\$8.00	Mounting plate for SMXir, Black
5103200W	\$8.00	Mounting plate for SMXir, White
5103300	\$21.00	SMXir 3/4 Door, Black
5103300W	\$21.00	SMXir 3/4 Door, White

SMX II Keypad/Display

SMXIIAB	\$235.00	SMX II Keypad/Display, Black
5101401	\$42.00	PXB, SMX II Keypad Plate, Snap-on, Black
5101501	\$42.00	PXW, SMX II Keypad Plate, Snap-on, White

Note: Order adapter A-913 to connect SMXIIAB to CXP cable.

Adapters for Connecting Keypad/Displays

4163804	\$22.00	Adapter, 3-Pin Socket (TSE) to RJ11 Male Plug (A-288C, A-282NC)
4163805	\$20.00	Adapter, 4-Pin Socket (CX) to RJ12 Male Plug (SMXir/ht, A-288C, A-282NC)
4106409	\$8.00	Modular Coupling, TSEP, CXP, CNP (used in both A-913 & A-914)
763100043	\$65.00	A-913, Adapter, RJ12 Socket (CXP) to 4-Pin Male Plug (SMXIIAB, A-281C, Old Net)
763100044	\$65.00	A-914, Adapter, RJ11 Socket (TSEP) to 3-Pin Male Plug (A-281C, Old Net)

Q Logic Boxes/Boards

701800004	\$225.00	Replacement Q-Logic Board
763100061	\$475.00	Canbus adapter kit for Q-Logic, DX & TW (does not include Q-Logic board)
222104002	\$1,090.00	Canbus to RS232 Serial Adapter Kit

SMX II Power Logic Boxes and Boards

(refer to SMX II cross reference data at the back of the DX section)

763100064	\$690.00	PLPX-HV, Replacement P/L Box 115/230V, (6-Pin Plug)
A-279	\$575.00	SMX II Retrofit for F20C-F60C w/ HV Board (No Triac)
705600009	\$390.00	A-284, SMX II Retrofit P/L Box w/ HV Board A-288C (for 3-knob), 115/230V
701800007	\$340.00	A-281C, Replacement SMX II P/L Board, 115/230V
722300288	\$315.00	A-288D, Dual-Purpose Replacement SMXII HV Power Logic Board

SMX II Power Logic Boxes and Boards continued

<u>Item No.</u>	<u>List Price USD</u>	<u>Description</u>
763100037	\$600.00	PLHMX-HV, SMX II P/L Box for Modulating Systems, 115/230V
297000047	\$70.00	A-201, Low Pressure Switch for SMX Units
297000054	\$65.00	A-204, Low Pressure Port Retrofit Kit, Sweat in TEE
297000048	\$70.00	A-205, High Pressure Switch for SMX Units
4024100	\$55.00	Low Pressure Service Port TEE Assembly

SMX Net Power Logic Boxes & Boards*(refer to SMX Net cross reference data at the back of the DX section)*

701500100	\$840.00	NPLRX-2, Retrofit SX/FX Units to SMX NET, 115/230V, includes Aux Heat Triac as of 05/01/03
701500103	\$850.00	NPLRX-3, Retrofit WFAH/J/F Units to SMX NET, 115/230V, includes Aux Heat Triac as of 5/1/03
701500101	\$495.00	A-282NC, Replacement SMX NET P/L Board, 115/230V
763100057	\$310.00	SMXLB, SMX Control Online Black
PNB	\$42.00	SMX Online Plate, Snap-on, Black

SMX Upgrade Kits to SMXII and Models Where Used*(refer to SMX II cross reference data at the back of the DX section)*

705600009	\$390.00	A-284, SMXIIHV Retrofit for 3 Knob Control
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SMX Upgrade Kits to SMX Net and Models Where Used*(refer to SMX Net cross reference data at the back of the DX section)*

701500100	\$840.00	SMXII to SMX NET Retrofit Box
701500103	\$850.00	SMX NET Retrofit for 3 Knob Control

CXP Cables*Use CXP cables with SMXir & SMXht displays. CX cables are available for use with SMXIIAB.*

CXP5	\$19.00	Keypad to P/L Box Cord, RJ12, 5 Feet
CXP10	\$23.00	Keypad to P/L Box Cord, RJ12, 10 Feet
CXP15	\$29.00	Keypad to P/L Box Cord, RJ12, 15 Feet
CXP20	\$34.00	Keypad to P/L Box Cord, RJ12, 20 Feet
CXP30	\$45.00	Keypad to P/L Box Cord, RJ12, 30 Feet
CXP40	\$60.00	Keypad to P/L Box Cord, RJ12, 40 Feet
CXP60	\$80.00	Keypad to P/L Box Cord, RJ12, 60 Feet
CXP80	\$100.00	Keypad to P/L Box Cord, RJ12, 80 Feet
722000000	\$130.00	Keypad to P/L Box Cord, RJ12, 100 Feet (CXP100)
4163805	\$20.00	Adapter, 4-Pin Socket (CX) to RJ12 Male Plug (SMXir/ht, A-288C, A-282NC)
4106409	\$8.00	Modular Coupling, TSEP, CXP, CNP
763100043	\$65.00	A-913, Adapter, RJ12 Socket (CXP) to 4-Pin Male Plug (SMXIIAB, A-281C, Old Net)

Temperature Sensing Elements*TSEP cables have modular RJ11 connector.*

334498	\$36.00	TSEP5, Temperature Sensor, RJ11, 5 Feet
TSEP10	\$39.00	Temperature Sensor, RJ11, 10 Feet
TSEP15	\$43.00	Temperature Sensor, RJ11, 15 Feet
TSEP20	\$46.00	Temperature Sensor, RJ11, 20 Feet
TSEP30	\$55.00	Temperature Sensor, RJ11, 30 Feet
TSEP40	\$65.00	Temperature Sensor, RJ11, 40 Feet
TSEP60	\$80.00	Temperature Sensor, RJ11, 60 Feet
TSEP80	\$90.00	Temperature Sensor, RJ11, 80 Feet
4163804	\$22.00	Adapter, 3-Pin Socket (TSE) to RJ11 Male Plug (A-288C, A-282NC)
763100044	\$65.00	A-914, Adapter, RJ11 Socket (TSEP) to 3-Pin Male Plug (A-281C, Old Net)

CNP Cables

CNP5	\$47.00	SMX Network Cable, RJ12, 5 Feet
CNP10	\$47.00	SMX Network Cable, RJ12, 10 Feet
CNP15	\$110.00	SMX Network Cable, RJ12, 15 Feet
CNP20	\$70.00	SMX Network Cable, RJ12, 20 Feet
CNP40	\$90.00	SMX Network Cable, RJ12, 40 Feet
CNP60	\$110.00	SMX Network Cable, RJ12, 60 Feet
4106409	\$8.00	Modular Coupling, TSEP, CXP, CNP

Q-Logic Sensors

4062325	**	Seawater Sensor
722400008	\$400.00	Temperature Sensor/Relative Humidity Q-Logic 15ft

If interested in these items, please call your Cruisair Sales/Applications RepresentativeDometic Mechanical Control**

222110102	\$310.00	MCP 2-Knob, ECM Vertical, 115/230V
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Note: To be used for the EnviroCool units ONLY

Rotary Switches for SH Units

(6-pin plug connection)

<u>Item No.</u>	<u>List Price USD</u>	<u>Description</u>
763100047	\$485.00	SSA3-ZB, 3-Knob Switch, Black, 10' Cable w/Plug, 115V
763100046	\$485.00	SSA3-ZCB, 3-Knob Switch, Black, 10' Cable w/Plug, 230V
SSA3-ZHB	\$485.00	3-Knob Switch, Horizontal, Black, 10' Cable w/Plug, 115V
763100069	\$485.00	SSA3-ZHCB, 3-Knob Switch, Horizontal, Black, 10' Cable w/Plug, 230V

Rotary Switches for Remote Units

763100045	\$435.00	SA3-ZB10, 3-Knob Switch, Black, 10' Cap Tube, 115V
763100073	\$435.00	SA3-ZCB10, 3-Knob Switch, Black, 10' Cap Tube, 230V
763100055	\$435.00	SA3-BB10, 3-Knob Switch, Black, 10' Cap Tube, 2-Speed Blower, 115V
763100075	\$450.00	SA3-ZHB10, 3-Knob Switch, Horizontal, Black, 10' Cap Tube, 115V
763100068	\$450.00	SA3-ZHCB10, 3-Knob Switch, Horizontal, Black, 10' Cap Tube, 230V
763100070	\$435.00	SA1-ZB10, 3-Knob Switch, Cooling Only, Black, 10' Cap Tube, 115V

Rotary Slave Switches

763100063	\$190.00	SA4-ZB, 1-Knob Fan Speed Cont., Black, 115V
763100048	\$190.00	SA4-ZCB, 1-Knob Fan Speed Cont., Black, 230V
763100051	\$280.00	SA4A-ZB, 2-Knob, On/Auto, Fan Speed Cont., Black, 115V
763100042	\$280.00	SA4A-ZCB, 2-Knob, On/Auto, Fan Speed Cont., Black, 230V

Seawater Pumps

<u>Item No.</u>	<u>List Price USD</u>	<u>Model</u>	<u>Capacity (gph)</u>	<u>Power</u>	<u>Ign. Prot.</u>	<u>Inlet</u>	<u>Outlet</u>
334040	\$345.00	PML250	250 @ 3'	115V, 50/60Hz	Yes	3/4" MPT	1/4" MPT
334002	\$360.00	PML250C	250 @ 3'	230V, 50/60Hz	Yes	3/4" MPT	1/4" MPT
334050	\$425.00	PML500L	490 @ 3'	115V, 60Hz	Yes	3/4" FPT	1/2" MPT
334004	\$440.00	PML500CL	490 @ 3'	230V, 60Hz	Yes	3/4" FPT	1/2" MPT
334003	\$440.00	PML500CK	400 @ 3'	240V, 50Hz	Yes	3/4" FPT	1/2" MPT
PMA500	\$430.00	PMA500	500 @ 7'	115V, 50/60Hz	Yes	3/4" FPT	1/2" MPT
PMA500C	\$460.00	PMA500C	500 @ 7'	230V, 50/60Hz	Yes	3/4" FPT	1/2" MPT
331566	\$500.00	PMA1000	1000 @ 3'	115V, 50/60Hz	Yes	1" FPT	1/2" MPT
331554	\$520.00	PMA1000C	1000 @ 3'	230V, 50/60Hz	Yes	1" FPT	1/2" MPT
335374	\$545.00	PMA1000CK	800 @ 3'	240V, 50Hz	Yes	1" FPT	1/2" MPT
225500273	\$1,140.00	P1200BXT-SP	1200 @ 5'	115/230V, 50/60Hz	No	1" FPT	1" FPT
225500270	\$960.00	P1500BXT	1320 @ 5'	115/230V, 50/60Hz	No	3/4" FPT	1/2" MPT
225500284	\$1,180.00	PS1500BX	1500 @ 7'	115/230V, 50/60Hz	No	1 1/4" FPT	1" FPT
225500294	\$1,330.00	PS1500B3X	1500 @ 15'	230/480V, 50/60Hz, 3Ph	No	1 1/4" FPT	1" FPT
225500277	\$1,190.00	PS1800BX	1800 @ 15'	115/230V, 50/60Hz	No	1 1/4" FPT	1" FPT
225500279	\$1,170.00	PS2200BX	2200 @ 15'	115/230V, 50/60Hz	No	1 1/4" FPT	1" FPT
225500271	\$1,305.00	P3000BXT	3000 @ 7'	115/230V, 50/60Hz	No	1 1/4" FPT	1" FPT
225500305	\$1,520.00	PLC3000BX	3000 @ 25'	115/230V, 50/60Hz	No	1 1/2" FPT	1 1/2" FPT
225500272	\$1,290.00	PH3000BXT	3000 @ 20'	115/230V, 50/60Hz	No	1 1/4" FPT	1" FPT
PS3000B3X	\$1,455.00	PS3000B3X	3000 @ 20'	230/480V, 50/60Hz, 3Ph	No	1 1/4" FPT	1" FPT
225500280	\$2,575.00	PH3000BX-SP	3000 @ 30'	115/230V, 50/60Hz	No	1 1/2" FPT	1 1/2" FPT
225500291	\$1,720.00	P3600BX	4200 @ 20'	115/230V, 50/60Hz	No	1 1/2" FPT	1 1/2" FPT
225500292	\$1,720.00	P3600B3X	4200 @ 20'	230/460V, 50/60Hz, 3Ph	No	1 1/2" FPT	1 1/2" FPT

Seawater Pump Notes:

1. Larger seawater pumps are available. See the TW pump section.
2. Refer to spec sheet L-0242 for more information.
3. Pumps above do not include base or fittings.

Submersible Pumps

225500276	\$1,060.00	PML1000, Submersible Pump 115V
225500288	\$1,095.00	PML1000C, Submersible Pump 230V

Pump Mounting Kits

725115001	\$55.00	A-532, Pump Mount Kit for PMA1000
297000040	\$95.00	A-533, Pump Mount Kit for P1500/P3000/PH3000BXT

PRIME TIME PUMPS

1010037	\$1,345.00	Pump, DP-PT-115V-230VT, 115/230Volt, 50/60 Hz
225500259	\$1,485.00	Pump, DP-PT-Preset, 230V, 50/60Hz

Pump Relays and Triggers

724200022	\$275.00	PR3X, Pump Relay, 115/230V, Up to 3 Triggers (not included)
724200017	\$300.00	PR3X-2, Pump Relay, 115/230V, with two 115V Triggers
724200015	\$300.00	PR3X-2C, Pump Relay, 115/230V, with two 230V Triggers
724200018	\$325.00	PR3X-3, Pump Relay, 115/230V, with three 115V Triggers
724200016	\$325.00	PR3X-3C, Pump Relay, 115/230V, with three 230V Triggers
724200019	\$290.00	PR8X, Pump Relay, 115/230V, Up to 8 Triggers (not included)
724200024	\$390.00	PR8X-4, Pump Relay, 115/230V, with four 115V Triggers

Pump Relays and Triggers continued

Item No.	List Price USD	Description
724200020	\$390.00	PR8X-4C, Pump Relay, 115/230V, with four 230V Triggers
724200021	\$415.00	PR8X-5C, Pump Relay, 115/230V, with five 230V Triggers
724200027	\$440.00	PR8X-6C, Pump Relay, 115/230V, with six 230V Triggers
724200026	\$465.00	PR8X-7C, Pump Relay, 115/230V, with seven 230V Triggers
TR115	\$55.00	Relay Trigger, 115V
TR230	\$55.00	Relay Trigger, 230V

Seawater Strainers

332784	\$65.00	Seawater Strainer, 3/4" FPT, Plastic Housing
ST1/2N	\$215.00	Seawater Strainer, 1/2" FPT, Groco
1011100	\$260.00	ST3/4N, Seawater Strainer, 3/4" FPT, Groco
1011200	\$340.00	ST1N, Seawater Strainer, 1" FPT, Groco
1011300	\$390.00	ST1-1/4N, Seawater Strainer, 1-1/4" FPT, Groco

Through-Hull Fittings

1050800	\$90.00	STH3/4, Scoop Type Through-Hull, Bronze, 3/4" MPT
1049900	\$135.00	STH1-1/4, Scoop Type Through-Hull, Bronze, 1-1/4" MPT
1051800	\$55.00	Flush Overboard Through-Hull, Bronze, 3/4" MPT
1054100	\$15.00	Fitting Thru-Hull Plastic 1/2" MPT X 5/8" Hose

Ball Valves

1060500	\$65.00	BV3/4, Ball Valve, Bronze & Stainless, 3/4" FPT
BV1	\$113.00	Ball Valve, Bronze & Stainless, 1" FPT
1060700	\$145.00	BV1-1/4, Ball Valve, Bronze & Stainless, 1-1/4" FPT

Seawater Hose

226000006	\$4.00	Seawater Hose, 5/8" ID, per Foot
1022312	\$5.00	Seawater Hose, 3/4" ID, per Foot

Water Fittings and Manifolds

1056500	\$3.00	Bushing, PVC, 1/2" FPT x 3/4" MPT
220300153	\$120.00	M11-2, 1/2" FPT Inlet, 2x 5/8" 90° Outlet
220300147	\$80.00	M12-2, 3/4" FPT Inlet, 2x 5/8" Outlets
220300148	\$150.00	M12-3, 3/4" FPT Inlet, 3x 5/8" Outlets
220300152	\$260.00	M12-4, 3/4" FPT Inlet, 4x 5/8" Outlets
220300155	\$160.00	M16-2, 1" FPT Inlet, 2x 5/8" Outlets
220300151	\$170.00	M16-3, 1" FPT Inlet, 3x 5/8" Outlets
220300150	\$210.00	M16-4, 1" FPT Inlet, 4x 5/8" Outlets
220300149	\$260.00	M16-5, 1" FPT Inlet, 5x 5/8" Outlets
220300154	\$375.00	M16-6, 1" FPT Inlet, 6x 5/8" Outlets
220300161	\$415.00	M16-7, 1" FPT Inlet, 7x 5/8" Outlets

Pump Manifolds - PVC Construction

220300007	\$37.00	2 Unit Spud Manifold - "U" Configuration (1/2"FPT x 1/2"HB x 1/2"HB)
220300008	\$16.00	2 Unit Spud Manifold - "T" Configuration (1/2"FPT x 1/2"HB x 1/2"HB)
220300009	\$19.00	2 Unit Spud Manifold - "F" Configuration (1/2"FPT x 1/2"HB x 1/2"HB)
220300003	\$105.00	3 Unit Spud Manifold (3/4"HB w/ (3) 1/2"HB outlets)
220300004	\$130.00	4 Unit Spud Manifold (1"HB w/ (4) 1/2" HB outlets)
220300005	\$155.00	5 Unit Spud Manifold (1"HB w/ (5) 1/2" HB outlets)
220300006	\$230.00	6 Unit Spud Manifold (1"HB w/ (6) 1/2" HB outlets)

Bronze Hose Barbs

1011700	\$15.00	Adapter Bronze 1/2" MPT X 5/8" Hose
1011600	\$16.00	Adapter Bronze 3/4" MPT X 3/4" Hose
1011800	\$18.00	Adapter Bronze 1" MPT X 1" Hose

Plastic Hose Barbs

335080	\$8.00	Adapter PVC 1/2" FPT X 5/8" Hose #1435-005
1054200	\$4.00	Adapter PVC 1/2" MPT X 5/8" Hose
1054700	\$6.00	Adapter PVC 90° Elbow 1/2" FPT X 5/8" Hose
335380	\$6.00	Adapter PVC 90° Elbow 1/2" MPT X 5/8" Hose
1055700	\$13.00	Adapter PVC 3/4" FPT X 3/4" Hose
1054400	\$8.00	Adapter PVC 3/4" MPT X 5/8" Hose
1054600	\$8.00	Adapter PVC 3/4" MPT X 3/4" Hose
1053900	\$11.00	Adapter PVC 3/4" MPT X 1" Hose
1056000	\$9.00	Adapter PVC 90° Elbow 3/4" MPT X 3/4" Hose
1056700	\$10.00	Adapter PVC 90° Elbow 3/4" FPT X 1" Hose
1053800	\$8.00	Adapter PVC 1" MPT X 3/4" Hose
1053600	\$15.00	Adapter PVC 1" FPT X 1" Hose
1055900	\$5.00	Adapter PVC 1" MPT X 1" Hose
1056800	\$19.00	Adapter PVC 1-1/4" FPT X 1-1/4" Hose
1056900	\$7.00	Adapter PVC 1-1/4" MPT X 1-1/4" Hose

Grills

Grill Model Number Nomenclature

V	All grills begin with "V"
8X4	Dimensions (inches) The first number is the horizontal dimension, and the second is the vertical dimension.
VH	Grill Type VH - Supply grill with 2 sets of adj. Blades. Front row is in vertical direction, rear row is horizontal. VML - Closable supply grill. Front row is in vertical direction, horizontal rear row closes. RA - Return air grill with 1 set of fixed blades in horizontal direction. RAFB - Return air grill with removable core filter PG - Plastic grill with 1 row of fixed vanes. PGA - Plastic grill with adjustable blades. WG - 30 Wedge shaped supply grill with 2 sets of blades. Front row is vertical, rear is horizontal. LD - Linear Diffuser. One set of horizontal vanes.
-T	Material (Alum/Wood/Plastic) Blank – Anodized Aluminum A - Raw aluminum AS - Ash C - Cherry M - Mahogany MA - Maple (soft) O - Oak (White) P - Poplar T - Teak Plastic Grill Features R - Mounting Ring RF - Ring and Filter #TB - Trans. Box w/ duct ring on back #TS - Trans. Box w/ duct ring on side

Round Plastic Grills

<u>Item No.</u>	<u>List Price USD</u>	<u>Description</u>
333437	\$20.00	Round Plastic Grill, 3" Euro Style (flat w/ridged edge), Black
333442	\$20.00	Round Plastic Grill, 3" Euro Style (flat w/ridged edge), Off White
333439	\$20.00	V3DA-EL-W, Round Plastic Grill, 3" Euro Style (flat w/ridged edge), White
2071003	\$20.00	V3DA-GL-0W, Round Plastic Grill, 3" Global Style (convex & smooth), Off White
2071002	\$20.00	V3DA-GL-B, Round Plastic Grill, 3" Global Style (convex & smooth), Black
2071004	\$20.00	V3DA-GL-W, Round Plastic Grill, 3" Global Style (convex & smooth), White
2060301	\$16.00	Reducer to connect 3" hose to a V4 RND
335162	\$9.00	Round Plastic Grill, 4", Black
V4 RND BROWN	\$9.00	Round Plastic Grill, 4", Brown
339660	\$12.00	Round Plastic Grill, 4", Tan
332485	\$9.00	Round Plastic Grill, 4", White
330571	\$9.00	V4 RND CLASSIC WHITE - Round Plastic Grill, 4", Off White
339670	\$12.00	V4 RND W/DAMP BLACK - Round Plastic Grill w/ Damper, 4", Blk
339680	\$12.00	V4 RND W/DAMP BROWN - Round Plastic Grill w/ Damper, 4", Br
717650003	\$20.00	V4 RND W/DAMP TAN - Round Plastic Grill w/ Damper, 4", Tan
339284	\$12.00	V4 RND W/DAMP WHITE - Round Plastic Grill w/ Damp, 4", White
369947	\$12.00	V4 RND W/DAMP CLSC WHT - Rnd Plstc Grl w/ Dmp, 4", Off White
335078	\$17.00	Round Plastic Grill, 5", White

Plastic Grills with Mounting Frames

217316057	\$85.00	V4X10 PGA-R, Plastic Discharge Grill, Moveable Vanes, w/ Frame
V6X10 PGA-R	\$95.00	Plastic Discharge Grill, Moveable Vanes, w/ Frame
217316002	\$85.00	V8X4 PGA-R, Plastic Discharge Grill, Moveable Vanes, w/ Frame
217316054	\$100.00	V8X8 PGA-R, Plastic Discharge Grill, Moveable Vanes, w/ Frame
217316000	\$120.00	V10X10 PG-RF, Plastic Return-Air Grill, Fixed Vanes, w/ Frame and Filter
217316052	\$130.00	V10X14 PG-RF, Plastic Return-Air Grill, Fixed Vanes, w/ Frame and Filter
217316010	\$90.00	V10X4 PGA-R, Plastic Discharge Grill, Moveable Vanes, w/ Frame
217316015	\$100.00	V10X8 PG-RF, Plastic Return-Air Grill, Fixed Vanes, w/ Frame and Filter
217316020	\$130.00	V12X12 PG-RF, Plastic Return-Air Grill, Fixed Vanes, w/ Frame and Filter
217316018	\$145.00	V14X12 PG-RF, Plastic Return-Air Grill, Fixed Vanes, w/ Frame and Filter

Plastic Grills with Plenums

217316016	\$55.00	V4X4 PGA-4TB, Plastic Discharge Grill, Moveable Vanes, w/ 4" Ring on Back
217316025	\$105.00	V8X4 PGA-4TB, Plastic Discharge Grill, Moveable Vanes, w/ 4" Ring on Back
217316031	\$105.00	Plastic Discharge Grill, Moveable Vanes, w/ 5" Ring on Back
217316009	\$115.00	V10X4 PGA-5TB, Plastic Discharge Grill, Moveable Vanes, w/ 5" Ring on Back
217316021	\$115.00	V10X5 PGA-5TB, Plastic Discharge Grill, Moveable Vanes, w/ 5" Ring on Back
217316041	\$135.00	V10X8 PGA-6TB, Plastic Discharge Grill, Moveable Vanes, w/ 6" Ring on Back
217316032	\$135.00	V10X8 PGA-7TB, Plastic Discharge Grill, Moveable Vanes, w/ 7" Ring on Back
217316038	\$115.00	V12X4 PGA-5TB, Plastic Discharge Grill, Moveable Vanes, w/ 5" Ring on Back

Note: Our standard non-painted aluminum grilles have a high quality anodized finish which resists corrosion.

Aluminum grilles are also available in several high quality painted colors at an additional charge.

If interested in standard size, high-quality, painted aluminum grilles, please contact your Cruisair Sales Representative.

Aluminum Return Air Grills

Item No.	List Price USD	Description
V8X6 RA	\$30.00	Aluminum Return-Air Grill, No Filter
2071048	\$30.00	V8X8 RA, Aluminum Return-Air Grill, No Filter
V8X8 RAFB	\$65.00	Aluminum Return-Air Grill, with Filter
V10X10 RA	\$45.00	Aluminum Return-Air Grill, No Filter
V10X10 RAFB	\$75.00	Aluminum Return-Air Grill, with Filter
V10X12 RA	\$45.00	Aluminum Return-Air Grill, No Filter
V10X6 RA	\$32.00	Aluminum Return-Air Grill, No Filter
V10X8 RA	\$34.00	Aluminum Return-Air Grill, No Filter
V12X12 RA	\$45.00	Aluminum Return-Air Grill, No Filter
V12X12 RAFB	\$75.00	Aluminum Return-Air Grill, with Filter
V12X6 RA	\$32.00	Aluminum Return-Air Grill, No Filter
V14X10 RA	\$45.00	Aluminum Return-Air Grill, No Filter
V14X14 RA	\$48.00	Aluminum Return-Air Grill, No Filter
V16X6 RA	\$34.00	Aluminum Return-Air Grill, No Filter
V18X12 RA	\$53.00	Aluminum Return-Air Grill, No Filter
V22X14 RA	\$75.00	Aluminum Return-Air Grill, No Filter

Aluminum Discharge Grills

V4X15 VH	\$44.00	Aluminum Discharge Grill
V4X16 VH	\$44.00	Aluminum Discharge Grill
V4X8 V	\$28.00	Aluminum Discharge Grill
V5X12 VH	\$44.00	Aluminum Discharge Grill
V6X10 VH	\$44.00	Aluminum Discharge Grill
V6X12 VH	\$44.00	Aluminum Discharge Grill
V6X16 VH	\$59.00	Aluminum Discharge Grill
V6X4 VH	\$40.00	Aluminum Discharge Grill
V6X8 VH	\$42.00	Aluminum Discharge Grill
V7X7 VH	\$42.00	Aluminum Discharge Grill
V8X10 VH	\$59.00	Aluminum Discharge Grill
V8X8 VH	\$44.00	Aluminum Discharge Grill
V10X10 VH	\$60.00	Aluminum Discharge Grill
V10X4 VH	\$45.00	Aluminum Discharge Grill
V12X12 VH	\$60.00	Aluminum Discharge Grill
V12X4 VH	\$58.00	Aluminum Discharge Grill
V14X5 VH	\$44.00	Aluminum Discharge Grill
V20X4 VH	\$59.00	Aluminum Discharge Grill

Aluminum Discharge Grills with Shut-Off Damper

V4X10 VML	\$48.00	Aluminum Discharge Grill, with Damper
V4X4 VML	\$60.00	Aluminum Discharge Grill, with Damper
V6X10 VML	\$55.00	Aluminum Discharge Grill, with Damper
V8X4 VML	\$50.00	Aluminum Discharge Grill, with Damper
V8X6 VML	\$55.00	Aluminum Discharge Grill, with Damper
V8X8 VML	\$55.00	Aluminum Discharge Grill, with Damper
V10X4 VML	\$60.00	Aluminum Discharge Grill, with Damper
V16X4 VML	\$65.00	Aluminum Discharge Grill, with Damper

Teak Return Air Grills (with Filter)

217400406	\$140.00	V4X8 RA-T, Teak Return-Air Grill
217400419	\$150.00	V4X12 RA-T, Teak Return-Air Grill
217400079	\$160.00	V8X8 RA-T, Teak Return-Air Grill
217400137	\$170.00	V10X10 RA-T, Teak Return-Air Grill
217400323	\$175.00	V10X12 RA-T, Teak Return-Air Grill
217400143	\$160.00	V10X6 RA-T, Teak Return-Air Grill
217400183	\$180.00	V12X12 RA-T, Teak Return-Air Grill
217400326	\$160.00	V12X6 RA-T, Teak Return-Air Grill
217400111	\$180.00	V14X12 RA-T, Teak Return-Air Grill
217400680	\$190.00	V14X14 RA-T, Teak Return-Air Grill
217400206	\$170.00	V16X6 RA-T, Teak Return-Air Grill
217100103	\$175.00	V16X8 RA-T, Teak Return-Air Grill
217400358	\$300.00	V22X6 RA-T, Teak Return-Air Grill

Teak Discharge Grills

<u>Item No.</u>	<u>List Price USD</u>	<u>Description</u>
217400374	\$150.00	V3X15 VH-T, Teak Discharge Grill
217400355	\$160.00	V6X16 VH-T, Teak Discharge Grill
217400050	\$140.00	V7X7 VH-T, Teak Discharge Grill
V8X4 VH-T	\$130.00	Teak Discharge Grill
217400177	\$150.00	V8X8 VH-T, Teak Discharge Grill
217400121	\$150.00	V12X5 VH-T, Teak Discharge Grill
217400153	\$145.00	V20X4 VH-T, Teak Discharge Grill

Teak Discharge Grills with Shut-Off Damper

217400085	\$180.00	V4X4 VML-T, Teak Discharge Grill, with Damper
217400327	\$190.00	V4X6 VML-T, Teak Discharge Grill, with Damper
217400325	\$190.00	V4X8 VML-T, Teak Discharge Grill, with Damper
217400333	\$180.00	V10X6 VML-T, Teak Discharge Grill, with Damper

Hose Adapters and Connectors**Hose Adapters (Blower to Flex Duct)**

HA-4	\$15.00	Hose Adapter, 4" Duct, EBO4/5, Plastic
HA-4/SXF5	\$26.00	Hose Adapter, 4" Duct, SXF/SHF5
228700011	\$16.00	Hose Adapter, 4" Duct, ST6
228700127	\$19.00	Hose Adapter, 4" Duct with Push Rivets, ST6
335884	\$16.00	HA-5, Hose Adapter, 5" Duct, ST8, EBO7/8, SHF/SXF7, EBL(P)12/16 QTY=2, Plastic
228700128	\$21.00	Hose Adapter, 5" Duct with Push Rivets, ST8
335883	\$18.00	HA-6, Hose Adapter, 6" Duct, ST10-12, EBO10/12, SXF/SHF10/12, CBUL9, EBL(P)20 QTY=2, Plastic
228700509	\$60.00	HA6-16, Hose Adapter, 6" Duct, EBO16
228700129	\$23.00	Hose Adapter, 6" Duct with Push Rivets, ST10-12
335882	\$21.00	HA7-16, Hose Adapter, 7" Duct, ST14-16, EBO16, SHF/SXF16, EBL(P)30 QTY=2, Plastic
228700161	\$115.00	HA7-BL, Hose Adapter, 7" Duct, EBS/ESS/EDS
228700130	\$31.00	Hose Adapter, 7" Duct with Push Rivets, ST14-16
HA8-24	\$145.00	Hose Adapter, 8" Duct, EBOH20/24
5053310	\$90.00	Hose Adapter, 8" Duct, for 24K units with -M61/68/91/101/102 options
228701007	\$125.00	HA9-24, Hose Adapter, 9" Duct, EBOH20/24
228701038	\$105.00	HA9-24S, Hose Adapter, 9" Duct, SH, SX, EBOS, RE20-24
5053301	\$65.00	Flange for Hose Adapter 5053309 below, 9" Duct *
5053309	\$44.00	Hose Adapter, 9" Duct, SXF/SHF24, CB*L24, EHB*24, EBO20-24, CBBL24 *
*Note: Must order both 5053301 & 5053309 together.		
HC-10	\$110.00	Hose Connector/Adapter, 10" Duct, EBO30/36C
HA10-30	\$115.00	Hose Adapter, 10" Duct, EBOH30/36

Note: StowAway models SXR & SHR, Zephyrs, and most RE & EBA remote cooling units, are supplied with hose adapters mounted to the blowers. However, StowAway models SXF & SHF, and all other cooling units do not come with hose adapters. Therefore, hose adapters must be ordered separately for those units.

Hose Connectors (Duct Rings)

<u>Item No.</u>	<u>List Price USD</u>	<u>Description</u>
VHR3	\$15.00	Hose Connector, 3" Duct, Plastic
2060301	\$16.00	Hose Reducer, 4" to 3", Plastic
VTR4	\$17.00	Hose Connector, 4", Plastic, Fits VTB with 4" End
228700011	\$16.00	VHR4, Hose Connector, 4" Duct, Plastic
VHR40	\$26.00	Hose Connector, 4" Duct, Oval Plastic
228700012	\$16.00	VHR5, Hose Connector, 5" Duct, Plastic
228700016	\$16.00	VHR50, Hose Connector, 5" Duct, Oval Plastic
228700013	\$16.00	VHR6, Hose Connector, 6" Duct, Plastic
228700017	\$21.00	VHR60, Hose Connector, 6" Duct, Oval Plastic
228700018	\$16.00	VHR7, Hose Connector, 7" Duct, Plastic
228700019	\$26.00	VHR70, Hose Connector, 7" Duct, Oval Plastic
334621	\$37.00	VHR8, Hose Connector, 8" Duct, Plastic
228701040	\$95.00	HC-6, Hose Connector, 6" Duct, Aluminum
228701041	\$95.00	HC-7, Hose Connector, 7" Duct, Aluminum
HC-8	\$100.00	Hose Connector, 8" Duct, Aluminum
228700162	\$110.00	HC-9, Hose Connector, 9" Duct, Aluminum
HC-10	\$110.00	Hose Connector, 10" Duct, Aluminum

Plenums

See also "Plastic Grills with Plenums" in Grills section.

See the Custom Plenum Request Form at the back of this book.

Plastic Grill Transition Boxes

(Boxes are 5-3/16" Deep)

<u>Item No.</u>	<u>List Price USD</u>	<u>Description</u>
229800017	\$38.00	VTB84, Grill Transition Box, Plastic, 8" x 4"
228700159	\$48.00	VTB86, Grill Transition Box, Plastic, 8" x 6"
VTB88	\$48.00	Grill Transition Box, Plastic, 8" x 8"
333768	\$55.00	VTB104, Grill Transition Box, Plastic, 10" x 4"
333769	\$55.00	VTB105, Grill Transition Box, Plastic, 10" x 5"
228700158	\$65.00	VTB106, Grill Transition Box, Plastic, 10" x 6"
229800043	\$70.00	VTB108, Grill Transition Box, Plastic, 10" x 8"
333766	\$65.00	VTB124, Grill Transition Box, Plastic, 12" x 4"
229800045	\$65.00	VTB126, Grill Transition Box, Plastic, 12" x 6"
333802	\$70.00	VTB146, Grill Transition Box, Plastic, 14" x 6"
333799	\$70.00	VTB164, Grill Transition Box, Plastic, 16" x 4"

Plastic Duct TEEs, Adjustable Baffle

228700085	\$100.00	VHT444, Plastic Duct TEE, 4" Inlet, 4" & 4" Outlets
228700093	\$100.00	VHT543, Plastic Duct TEE, 5" Inlet, 4" & 3" Outlets
228700053	\$100.00	VHT544, Plastic Duct TEE, 5" Inlet, 4" & 4" Outlets
VHT554	\$100.00	Plastic Duct TEE, 5" Inlet, 5" & 4" Outlets
228700067	\$100.00	VHT555, Plastic Duct TEE, 5" Inlet, 5" & 5" Outlets
228700108	\$100.00	VHT654, Plastic Duct TEE, 6" Inlet, 5" & 4" Outlets
228700092	\$100.00	VHT655, Plastic Duct TEE, 6" Inlet, 5" & 5" Outlets
228700114	\$100.00	VHT664, Plastic Duct TEE, 6" Inlet, 6" & 4" Outlets
228700119	\$100.00	VHT666, Plastic Duct TEE, 6" Inlet, 6" & 6" Outlets
228700106	\$100.00	VHT755, Plastic Duct TEE, 7" Inlet, 5" & 5" Outlets
228700103	\$100.00	VHT764, Plastic Duct TEE, 7" Inlet, 6" & 4" Outlets
VHT774	\$100.00	Plastic Duct TEE, 7" Inlet, 7" & 4" Outlets
VHT875	\$100.00	Plastic Duct TEE, 8" Inlet, 7" & 5" Outlets

Plastic Duct Ys, Adjustable Baffle

228700065	\$100.00	VHY444, Plastic Duct "Y", 4" Inlet, 4" & 4" Outlets
228700057	\$100.00	VHY543, Plastic Duct "Y", 5" Inlet, 4" & 3" Outlets
228700082	\$100.00	VHY544, Plastic Duct "Y", 5" Inlet, 4" & 4" Outlets
228700059	\$100.00	VHY 654, Plastic Duct "Y", 6" Inlet, 5" & 4" Outlets
228700090	\$100.00	VHY755, Plastic Duct "Y", 7" Inlet, 5" & 5" Outlets
VHY766	\$100.00	Plastic Duct "Y", 7" Inlet, 6" & 6" Outlets
228700102	\$100.00	VHY764, Plastic Duct "Y", 7" Inlet, 6" & 4" Outlets
VHY765	\$100.00	Plastic Duct "Y", 7" Inlet, 6" & 5" Outlets
VHY774	\$100.00	Plastic Duct "Y", 7" Inlet, 7" & 4" Outlets
228700054	\$100.00	VHY866, Plastic Duct "Y", 8" Inlet, 6" & 6" Outlets

Plastic Blower TEEs, Adjustable Baffle

(Mounts over existing Hose adapter)

VAT444	\$100.00	Plastic Blower TEE, 4" Inlet, 4" & 4" Outlets
228700076	\$100.00	VAT543, Plastic Blower TEE, 5" Inlet, 4" & 3" Outlets
228700153	\$100.00	VAT544, Plastic Blower TEE, 5" Inlet, 4" & 4" Outlets
VAT555	\$100.00	Plastic Blower TEE, 5" Inlet, 5" & 5" Outlets
228700140	\$100.00	VAT653, Plastic Blower TEE, 6" Inlet, 5" & 3" Outlets
228700145	\$100.00	VAT654, Plastic Blower TEE, 6" Inlet, 5" & 4" Outlets
228700083	\$100.00	VAT655, Plastic Blower TEE, 6" Inlet, 5" & 5" Outlets
VAT664	\$100.00	Plastic Blower TEE, 6" Inlet, 6" & 4" Outlets
228700111	\$100.00	VAT755, Plastic Blower TEE, 7" Inlet, 5" & 5" Outlets
228700058	\$100.00	VAT764, Plastic Blower TEE, 7" Inlet, 6" & 4" Outlets
228700091	\$100.00	VAT765, Plastic Blower TEE, 7" Inlet, 6" & 5" Outlets
228700094	\$100.00	VAT766, Plastic Blower TEE, 7" Inlet, 6" & 6" Outlets
228700157	\$100.00	VAT774, Plastic Blower TEE, 7" Inlet, 7" & 4" Outlets

Plastic Blower Ys, Adjustable Baffle*(Mounts over existing Hose adapter)*

Item No.	List Price USD	Description
228700087	\$100.00	VAY443, Plastic Blower "Y", 4" Inlet, 4" & 3" Outlets
228700084	\$100.00	VAY544, Plastic Blower "Y", 5" Inlet, 4" & 4" Outlets
228700079	\$100.00	VAY644, Plastic Blower "Y", 6" Inlet, 4" & 4" Outlets
228700156	\$100.00	VAY654, Plastic Blower "Y", 6" Inlet, 5" & 4" Outlets
VAY664	\$100.00	Plastic Blower "Y", 6" Inlet, 6" & 4" Outlets
VAY764	\$100.00	Plastic Blower "Y", 7" Inlet, 5" & 4" Outlets
VAY765	\$100.00	Plastic Blower "Y", 7" Inlet, 6" & 5" Outlets
228700096	\$100.00	VAY866, Plastic Blower "Y", 8" Inlet, 6" & 6" Outlets
VAY874	\$100.00	Plastic Blower "Y", 8" Inlet, 7" & 4" Outlets

Note: StowAway models SXR & SHR, Zephyrs, and most RE & EBA remote cooling units, are
supplied with hose adapters (HA) mounted to the blowers. However, StowAway models SXF & SHF,
and all other cooling units do not come with HA's. Therefore, HA's must be ordered separately
for those units.

Plastic Grill Transition Boxes with Back Connections (Opposite Grill Opening)

VTB44-3B	\$44.00	Grill Transition Box, Plastic, 4" x 4", with 3" Ring Back
VTB44-4B	\$44.00	Grill Transition Box, Plastic, 4" x 4", with 4" Ring Back
335635	\$46.00	VTB64-4B, Grill Transition Box, Plastic, 6" x 4", with 4" Ring Back
229500057	\$70.00	VTB84-4B, Grill Transition Box, Plastic, 8" x 4", with 4" Ring Back
229500195	\$70.00	VTB84-5B, Grill Transition Box, Plastic, 8" x 4", with 5" Ring Back
229500058	\$70.00	VTB104-5B, Grill Transition Box, Plastic, 10" x 4", with 5" Ring Back
229501524	\$70.00	VTB106-5B, Grill Transition Box, Plastic, 10" x 6", with 5" Ring Back
229501523	\$70.00	VTB106-6B, Grill Transition Box, Plastic, 10" x 6", with 6" Ring Back

Plastic Grill Transition Boxes with Side Connections (On long dimension)

229500122	\$70.00	VTB84-4S, Grill Transition Box, Plastic, 8" x 4", with 4" Ring Side
VTB84-5S	\$70.00	Grill Transition Box, Plastic, 8" x 4", with 5" Ring Side

Plastic Grill Transition Boxes with End Connections (On small dimension)

229500071	\$46.00	VTB44-4E, Grill Transition Box, Plastic, 4" x 4", with 4" Ring End
335634	\$70.00	VTB64-4E, Grill Transition Box, Plastic, 6" x 4", with 4" Ring End
335195	\$70.00	VTB84-4E, Grill Transition Box, Plastic, 8" x 4", with 4" Ring End
VTB104-4E	\$70.00	Grill Transition Box, Plastic, 10" x 4", with 4" Ring End

Flexible Air Duct**Flexible Duct, Insulated**

226600014	\$3.00	Insulated Flex Duct, 4", per Foot
226600016	\$4.00	Insulated Flex Duct, 5", per Foot
226600015	\$4.00	Insulated Flex Duct, 6", per Foot
226600000	\$4.00	Insulated Flex Duct, 7", per Foot
226600046	\$5.00	Insulated Flex Duct, 8", per Foot
226600048	\$7.00	Insulated Flex Duct, 12", per Foot
226600077	\$65.00	Insulated Flex Duct, 3", 25 Ft. Length
226600078	\$60.00	Insulated Flex Duct, 4", 25 Ft. Length
226600079	\$70.00	Insulated Flex Duct, 5", 25 Ft. Length
226600080	\$75.00	Insulated Flex Duct, 6", 25 Ft. Length
226600081	\$80.00	Insulated Flex Duct, 7", 25 Ft. Length
226600082	\$90.00	Insulated Flex Duct, 8", 25 Ft. Length
226600022	\$105.00	Insulated Flex Duct, 9", 25 Ft. Length
226600023	\$125.00	Insulated Flex Duct, 10", 25 Ft. Length
226600083	\$160.00	Insulated Flex Duct, 12", 25 Ft. Length

Flexible Duct, Vinyl (Not Insulated)

2060001	\$6.00	Vinyl Flex Duct, 4", per Foot
226600011	\$7.00	Vinyl Flex Duct, 5", per Foot
226600012	\$8.00	Vinyl Flex Duct, 6", per Foot
2060000	\$9.00	Vinyl Flex Duct, 7", per Foot
2060403	\$100.00	Vinyl Flex Duct, 3", 25 Ft. Length
2060404	\$125.00	Vinyl Flex Duct, 4", 25 Ft. Length
2060405	\$135.00	Vinyl Flex Duct, 5", 25 Ft. Length
2060406	\$175.00	Vinyl Flex Duct, 6", 25 Ft. Length
2060407	\$210.00	Vinyl Flex Duct, 7", 25 Ft. Length

Installation Accessories

Tube Insulation

<u>Item No.</u>	<u>List Price USD</u>	<u>Description</u>
8010306	\$7.00	Insulation Tube, 3/8" ID x 3/8" Wall, 6 Ft. Length
8010408	\$8.00	Insulation Tube, 1/2" ID x 3/8" Wall, 6 Ft. Length
8010412	\$9.00	Insulation Tube, 3/4" ID x 3/8" Wall, 6 Ft. Length
8010130	\$60.00	Mastic Insulation Tape, 2" x 30 Ft. Roll
8010200	\$135.00	Insulation Mastic Coating, 1 Gallon

Condensate Drain Fittings, Plastic

298001152	\$26.00	DF2, Drain Fitting, Straight, 3/8" MPT x 1/2" Hose (10 Pack)
DF4	\$26.00	Drain Fitting, Straight, 3/8" MPT x 5/8" Hose (10 Pack)
DF5	\$33.00	Drain Fitting, 90°, 3/8" MPT x 5/8" Hose (10 Pack)
1052608	\$2.00	Drain Fitting, Straight, 3/8" MPT x 1/2" Hose
1052708	\$3.00	Drain Fitting, 90°, 3/8" MPT x 1/2" Hose
1051410	\$2.00	Drain Fitting, Straight, 3/8" MPT x 5/8" Hose
1052410	\$3.00	Drain Fitting, 90°, 3/8" MPT x 5/8" Hose
1052808	\$7.00	Drain Plug, 3/8" MPT
1059708	\$7.00	Drain Plug, 1/2" MPT
1059510	\$2.00	Drain Fitting, Straight, 1/2" MPT x 5/8" Hose
1059610	\$5.00	Drain Fitting, 90°, 1/2" MPT x 5/8" Hose

Refrigerant Fittings

3120204	\$4.00	Flare Nut, 1/4"
3120106	\$6.00	Flare Nut, 3/8"
3121408	\$6.00	Flare Nut, 1/2"
3120512	\$23.00	Flare Nut, 3/4"
3120606	\$6.00	Flare Nut Reducing, 3/8" Flare to 1/4" Tube
3120308	\$6.00	Flare Nut Reducing, 1/2" Flare to 3/8" Tube
3120904	\$7.00	Flare Tee, 1/4" x 1/4" x 1/4"
3121006	\$16.00	Flare Tee, 3/8" x 3/8" x 3/8"
3121808	\$20.00	Flare Tee, 1/2" x 1/2" x 1/2"
3130104	\$14.00	Flare Tee Reducing, 3/8" x 1/4" x 1/4"
3131006	\$17.00	Flare Tee Reducing, 1/2" x 3/8" x 3/8"
3121100	\$13.00	Flare Tee Reducing, 1/2" x 1/2" x 1/4"
3120400	\$60.00	Flare Tee Reducing, 3/4" x 1/2" x 1/2"

Tools

PTSA	\$450.00	Test Switch For SMX II Units (NOT SX7-16C w/Combo Box, G99 & Earlier)
9040101	\$800.00	UV Leak Detector Light, 120V AC
043000	\$39.00	Coil Fin Comb Kit

Note: All items are net prices. Standard discounts DO NOT apply.

Replacement Parts Section

For Replacement Parts Identification, see charts in back of booklet.

Blower & Evaporator Parts

Replacement Blowers

<u>Item No.</u>	<u>List Price USD</u>	<u>Description</u>
2050200	\$215.00	Blower Housing & Wheel EBS12&16S, BL(H)16
2051300	\$545.00	Blower Motor Assy EBH 115V
2051400	\$490.00	Blower Motor Assy EBH12&16C 230V
2050600	\$530.00	Blower (w/ Shaft) EBOH30-36
2050800	\$1,545.00	Blower (w/ Shaft) EBOH48
2050100	\$85.00	Bearing Blower 3/4" Ball Cartridge for all EBOH models

Replacement Blower Assemblies (Insulated & Wired) and Blower Motor Capacitors

715212417	\$530.00	Blower Replacement 115V, RE4-5
715212415	\$530.00	Blower Replacement 230V, RE4-5C
725210514	\$1,510.00	RBAD3036C, Replacement Blower Assy, EBO30-36C, RE30-36C
715212416	\$585.00	Blower Replacement 115V, REU4-5
715210504	\$585.00	Blower Replacement 230V, REU4-5C
715212412	\$620.00	RBFA-6, Blower Replacement 115V, EBA/EBU6-7, REU7-8, SH/SX7, EBO4-8, B212-16, RE7-8
715212407	\$620.00	RBFA-6C, Blower Replacement 230V, EBA/U6-7C, E(H)MB4-8C, RE/U7-8C, SH/SX7C, EBO4-8C, B212-16C
715212414	\$620.00	RBFA-9, Blower Replacement 115V, EBA/EBU8, REU10, SH/SX10-12, EBO10-12, RE10-12
715212410	\$620.00	RBFA-9C, Blower Replacement 230V, EBA/EBU8C, E(H)MB10C, REU10C, SH/SX10-12C, EBO/RE10-12C
715212413	\$665.00	RBFA-12, Blower Replacement 115V, EBA/EBU10-12, REU12
715212408	\$665.00	RBFA-12C, Blower Replacement 230V, EBA/EBU10-12C, E(H)MB12C, REU12C
715212409	\$705.00	RBFA-18, Blower Replacement 115V, EB(A/U/O)16, REU16, SH/SX16, RE16
715212406	\$705.00	RBFA-18C, Blower Replacement 230V, EB(A/U/O)16C, E(H)MB16C, RE(U)16C, SH/SX16C, ETBD30C QTY=2
715061201	\$1,620.00	A-160A, Evap/Blwr Module For Model EDSB24C
715061205	\$1,745.00	A-162, Evap/Blwr Module For Model ESS12C
715061605	\$1,620.00	A-165A, Evap/Blwr Module For EDS & EDSB30C
715061609	\$1,745.00	A-176, Evap/Blwr Module For ESS16, 115V
715061608	\$1,745.00	A-166, Evap/Blwr Module For ESS16C & ESSB16C, 230V
6020200	\$34.00	5" Blower Pulley for EBOH24-36
4040058	\$19.00	Blower Motor Capacitor, 8MFD, for REU4-5
2052801	\$19.00	Blower Motor Capacitor, 2MFD, for REU4-5C
330669	\$19.00	Blower Motor Capacitor, 10MFD, for REU10
330670	\$17.00	Blower Motor Capacitor, 3MFD, for REU10C
2052701	\$19.00	Blower Motor Capacitor, 16MFD, for REU7,8,12
331027	\$19.00	Blower Motor Capacitor, 20MFD, for REU16
2052501	\$19.00	Blower Motor Capacitor, 4MFD, for REU7,8,12,16C
715212400	\$750.00	Blower Assembly, 230V, Hi-Efficiency, REU24C (use for RE or EU replacement)

Blower Motors

4030901	\$390.00	Motor 1.0A 230V EFB12C/16C
4031600	\$1,085.00	Blower Motor, 1/2HP, 230V, 2-Speed, EBOH30C-48C
4035400	\$250.00	Motor 1050/700 RPM 115V 50/60 EBS (see note below), BL(H), EDS, ESS
4035401	\$310.00	Motor 1050/700 RPM 230V 50/60 EBS (see note below), BL(H), EDS, ESS
4032415	\$415.00	Blower Motor, 1/2HP 230V 50/60 EBD30-48 & FP*36-48, must order 4032418 also.
4032418	\$75.00	Mounting bracket necessary for Blower Motors 4032415 & 4032417 above.
4030401	\$175.00	Motor Fan 1/20HP 115/230V, EFB4-10
4030900	\$410.00	Motor Fan 1.7A 115V, EFB12-16

Note: For old EBS, replace blower housing & wheel 2050200 when replacing motor.

Whisper Fan Controller **NEW FOR 2012**

Silences noisy AC-drive blower motors

4220053	\$800.00	WhisperFan Controller 230V
4220054	\$800.00	WhisperFan Controller 115V

Fan Blades

2010600	\$26.00	Blade Fan EFB4 & 5
2010700	\$37.00	Blade Fan EFB10
2010400	\$65.00	Blade Fan 8-1/32D X 20P 5/16 Hub , EFB7 & 8, EFL12
2010300	\$70.00	Blade Fan EFB12-16 10D X 44P 5/16 Hub
2010800	\$75.00	Blade Fan 8D X 24P 5/16 Hub, EFL12
2010500	\$80.00	Blade Fan 8D X 28P 5/16 Hub EFL16
5072301	\$34.00	Fan Guard, EFB4-10, EFL12-16
5072501	\$75.00	Fan Guard, EFB12-16
5080600	\$2.00	Rubber Grommet for Fan Guards

Replacement Evaporator Coil Assemblies

<u>Item No.</u>	<u>List Price USD</u>	<u>Description</u>
715211623	\$570.00	RCA-C12, Replacement Coil Assembly EBS/ESS12
715211608	\$515.00	RCA-C1614U, Replacement Coil Assembly EBS/ESS16 & EBS14U Built prior to Feb 2003
715211621	\$410.00	RCA-SV16, Replacement Coil Assembly SH/SX16 (not for Left Hand SL units)
715210513	\$305.00	Replacement Coil Assembly RE(U)5
715210701	\$335.00	Replacement Coil Assembly RE(U)7
715210801	\$385.00	Replacement Coil Assembly RE(U)8
715211001	\$375.00	Replacement Coil Assembly RE(U)10
715211201	\$385.00	Replacement Coil Assembly RE(U)12
715211601	\$565.00	Replacement Coil Assembly RE(U)16
715211629	\$760.00	Replacement Coil Assembly RE(U)36

Breathe Easy™ Air Purifier

IBEX INNOVATION AWARD WINNER 2010

4210805	\$129.99	Breathe Easy™ Portable Air Purifier, 12-115-230
229801254	\$795.00	Breathe Easy™ UV Tube 4"
229801255	\$795.00	Breathe Easy™ UV Tube 5"
229801252	\$795.00	Breathe Easy™ UV Tube 6"
229801253	\$895.00	Breathe Easy™ UV Tube 7"
229801256	\$895.00	Breathe Easy™ UV Tube 8"
4210800	\$100.00	Lamp, UV 5" Induct (used in 229801254, 229801255 and 229801252)
4210802	\$130.00	Lamp, UV 8" Induct (used in 229801253 and 229801256)

Micro-Particle Anti-Allergenic Air Filters

Item No.	List Price USD	Fits Cruisair A/C Models	Fits Dometic A/C Models	Width x Height	
				inches	mm
235000600	\$26.00	SXF5, SXF5-1, SHF5, SHF5-1,	ECM5, ECD5	7-7/8 x 9	200 x 229
235000601	\$26.00	SXF7, SXF7-1, SHF7, SHF7-1,	ECM6.5, ECD6.5	9-3/8 x 10	238 x 254
235000602	\$26.00	SXR7, SHR7 (old style 7K), ZF3.5	N/A	8-1/8 x 8	206 x 203
235000603	\$31.00	SXF10-1, SHF10-1, ZF10-1	ECM9, ECD9	10-7/8 x 10	276 x 254
235000604	\$31.00	SXF10, SHF10, ZF10, ZF12	N/A	11-7/8 x 10	302 x 254
235000605	\$31.00	SXF12-1, SHF12-1, SXF16-1,	ECM11, ECD11	10-7/8 x 12	276 x 305
235000606	\$31.00	SXF12, SHF12, SXF16, SHF16,	ECM15, ECD15	11-7/8 x 12	302 x 305
235000607	\$65.00	SXF24, SXF24-1, SHF24,	N/A	16-3/8 x 16	416 x 406
235000608	\$65.00	SX24, SH24 (special order)	N/A	15-1/8 x 17	384 x 432
235000638	\$33.00	STX6, STX8, STQ6, STQ8, STH6,	N/A	8-7/8 x 10-1/4	226 x 261
235000639	\$37.00	STX10, STX12, STQ10, STQ12,	N/A	10-7/8 x 11-1/2	276 x 293

Important Notes:

1. Pay close attention to A/C models 10, 12 & 16 and whether or not they have the suffix "-1" or "/1" in the model number. Models with either suffix were built starting in March, 2003.
2. In above chart, /1 can be used to designate /1 or /2 models.

Custom filter sizes are available.

Minimum custom filter order quantity = 50

Return Air Filters

<u>Item No.</u>	<u>List Price USD</u>	<u>Description</u>
335589	\$2.00	RA Filter, Black Mesh, by the foot
2030300	\$16.00	Filter Air 15 X 17 X 1 Fiber, EBOH20 & 24, EBOH48
2031307	\$16.00	Filter Air w/ Frame/Clip Old SH/SX7
2031310	\$16.00	Filter Air w/ Frame/Clip New SHR/SXR7/1, SH/SX10/12
2031316	\$16.00	Filter Air w/ Frame/Clip SH/SX16
235000508	\$19.00	RA Filter EBS,EBO 12/14/16, Black Mesh
235000519	\$30.00	RA Filter StowAway 7 Black Mesh
235000516	\$30.00	RA Filter StowAway 10/12 Black Mesh
235000517	\$26.00	RA Filter StowAway 16 Black Mesh
235000520	\$21.00	RA Filter StowAway 24 Black Mesh
235000521	\$19.00	FILTER BLK MESH 11"X11.5" SXF10
235000508	\$19.00	FILTER BLK MESH 11"X12.5" SXF12
235000518	\$32.00	FILTER BLK MESH 11"X13" SXF16
235000522	\$16.00	FILTER BLK MESH 9.5"X11" SXF7
715211202	\$16.00	RA Filter RE(U)7-12
715211602	\$16.00	RA Filter RE(U)16
715212402	\$16.00	RA Filter RE(U)20-24
715213602	\$16.00	RA Filter RE(U)30-36

Compressor & Condensing Unit Parts

Replacement Compressors (see Replacement Parts charts in back of book)

<u>Item No.</u>	<u>List Price USD</u>	<u>Description</u>
293045654	\$610.00	R3101-5T, Repl Compressor w/ Tubes 115V
293045657	\$565.00	R3101-7S, Repl Compressor StowAway 7 115V
293045650	\$610.00	R3101-7T, Repl Compressor w/ Tubes 115V
293045668	\$690.00	R3101-10S, Repl Compressor StowAway 10 115V
293045658	\$735.00	R3101-10T, Repl Compressor w/ Tubes 115V
293045656	\$695.00	R3101-12S, Repl Compressor StowAway 12 115V
293045647	\$735.00	R3101-12T, Repl Compressor w/ Tubes 115V
293045644	\$700.00	R3101-16S, Repl Compressor StowAway 16 115V
293045640	\$745.00	R3101-16T, Repl Compressor w/ Tubes 115V
293045661	\$585.00	R3102-7S, Repl Compressor SH7C 230V
293045641	\$610.00	R3102-7T, Repl Compressor w/ Tubes 230V
293045669	\$695.00	R3102-10S, Repl Compressor StowAway 10C 230V
293045648	\$740.00	R3102-10T, Repl Compressor w/ Tubes 230V
293045665	\$700.00	R3102-12S, Repl Compressor StowAway 12C 230V
293045646	\$745.00	R3102-12T, Repl Compressor w/ Tubes 230V
293045645	\$700.00	R3102-16S, Repl Compressor StowAway 16C 230V
293045643	\$745.00	R3102-16T, Repl Compressor w/ Tubes 230V
293045671	\$725.00	R3103-7T, Repl Compressor w/ Tubes 240V 50HZ
293045670	\$700.00	R3103-12S, Repl Compressor SH12CK 240V 50HZ
293045684	\$740.00	R3103-12T, Repl Compressor w/Tubes 240V 50HZ
293045674	\$1,050.00	R3103-16T, Repl Compressor w/ Tubes 240V 50HZ
293045666	\$545.00	R3140-7S, Repl Compressor Rotary SHR7 115V (for unit built prior to January 2006)
293045651	\$605.00	R3140-10S, Repl Compressor Rotary SHR10 115V (for unit built prior to January 2006)
293045655	\$620.00	R3140-12S, Repl Compressor Rotary SHR12 115V (for unit built prior to January 2006)
293045642	\$635.00	R3140-16S, Repl Compressor Rotary SHR16 115V (for unit built prior to January 2006)
293045659	\$605.00	R3141-10S, Repl Compressor Rotary SHR10C 230V (for unit built prior to January 2006)
293045672	\$620.00	R3141-12S, Repl Compressor Rotary SHR12C 230V (for unit built prior to January 2006)
293045652	\$640.00	R3141-16S, Repl Compressor Rotary SHR16C 230V (for unit built prior to January 2006)
293045679	\$640.00	Repl Compressor Rotary SH/SXR7 115V 60HZ (for unit built after January 2006)
293045662	\$685.00	Repl Compressor Rotary SH/SXR10 115V 60HZ (for unit built after January 2006)
293045676	\$660.00	Repl Compressor Rotary SH/SXR10C 230V (for unit built after January 2006)
293045681	\$660.00	Repl Compressor Rotary SH/SXR10CK 240V 50HZ (for unit built after January 2006)
293045649	\$700.00	Repl Compressor Rotary SH/SXR16 115V 60HZ (for unit built after January 2006)
293045663	\$700.00	Repl Compressor Rotary SH/SXR16C 230V (for unit built after January 2006)
293045653	\$1,195.00	Repl Comp H29 w/caps & relay, Remotes F-R24C 230/60/1 (no paint or tubes)
293045682	\$1,240.00	Repl Comp H29 w/caps & relay, Remotes F-R24CK 240/50/1 (no paint or tubes)
293045664	\$1,190.00	Repl Comp H29 w/caps & relay, Remotes F-R30C 230/60/1 (no paint or tubes)
293045667	\$925.00	Repl Comp H29 w/caps & relay, Remotes F-R30CK 240/50/1 (no paint or tubes)
293045675	\$1,215.00	Repl Comp H29 w/caps & relay, Remotes F-R36C 230/60/1 (no paint or tubes)
293045677	\$2,035.00	Repl Comp H29 w/caps & relay, Remotes F-R36E 460/60/3 (no paint or tubes)
293045678	\$1,740.00	Repl Comp Scroll w/caps & relay, Remotes F-R48C 230/60/1 (no paint or tubes)
293045683	\$2,355.00	Repl Comp Scroll w/caps & relay, Remotes F-R48D 230/60/3 (no paint or tubes)
3015026	\$1,135.00	Repl Comp Scroll, Modulating Units FM-RM24C 230/60/1 (no paint or tubes)
3015330	\$1,275.00	Repl Comp Scroll, Modulating Units FM-RM24CK 220/50/1 (no paint or tubes)
3015230	\$2,125.00	Repl Comp Scroll, Modulating Units FM-RM24ECK 380/50/3 (no paint or tubes)
3015030	\$1,685.00	Repl Comp Scroll, Modulating Units FM-RM30C 230/60/1 (no paint or tubes)
3015130	\$2,080.00	Repl Comp Scroll, Modulating Units FM-RM30D(C) 230/60/3 (no paint or tubes)
3015230	\$2,125.00	Repl Comp Scroll, Modulating Units FM-RM30E(C) 460/60/3 (no paint or tubes)
3015042	\$1,875.00	Repl Comp Scroll, Modulating Units FM-RM42C 230/60/1 (no paint or tubes)
3015348	\$2,170.00	Repl Comp Scroll, Modulating Units FM-RM42CK 220/50/1 (no paint or tubes)
3015142	\$1,465.00	Repl Comp Scroll, Modulating Units FM-RM42D(C) 230/60/3 (no paint or tubes)
3015242	\$2,225.00	Repl Comp Scroll, Modulating Units FM-RM42E(C) 460/60/3 (no paint or tubes)
3015248	\$2,640.00	Repl Comp Scroll, Modulating Units FM-RM42ECK 380/50/3 (no paint or tubes)

Notes:

1. Replacement rotary Panasonic compressors for units built after Jan '06 come with the run capacitor, overload & PTCR.
2. When ordering a replacement compressor, please specify model # of the unit, serial # of the unit and model # of the compressor to verify correct replacement.

Single Phase Soft Start Devices

Item No.	List Price USD	Description
4220040	\$470.00	SmartStartTM, 115V, 60Hz, 6K-18K
4220043	\$470.00	SmartStartTM, 208-240V/50-60Hz, 12K-30K
4220044	\$470.00	SmartStartTM, 208-240V/50-60Hz, 36K-60K
4220045	\$10.00	SmartStartTM Mounting Tray
4220046	\$37.00	PTC Kit for SmartStartTM Installations1
263400645	\$75.00	Retrofitkit, Relay Board, Q/SMX with hardware2

Notes:

1. The PTC Kit is only required when a SmartStartTM gets added to a Cruisair system that uses rev B (yellow-labeled) Q-Relay that were manufactured into all STQ/SQUF/SQL models through Sept 2010. The PTC Kit is not required for SmartStartTM installations into Cruisair systems that use the rev C (blue-labeled) Q-Relay manufactured starting in Sept 2010. Please see FN#300-F10 for more information or call your Dometic Applications representative.
2. Use when installing SmartStartTM on RX/RN20-36C/CK Condensing Units with A-548 triac.

Compressor Bushings

331732	\$3.00	Cushion Large
5081000	\$2.00	Cushion Small
331254	\$1.00	Sleeve Large Cushion
5081100	\$2.00	Sleeve Small Cushion

Capacitors

4041007	\$12.00	Capacitor Run 7.5 MF 370 V
4040115	\$14.00	Capacitor Run 15 MFD 400/440V
338455	\$12.00	Capacitor Run 20MFD. 370V
333360	\$17.00	Capacitor Run 25 MFD. 370V
4040130	\$15.00	Capacitor Run 30MFD 370V
331475	\$18.00	Capacitor Run 35 MFD. 370V
4041004	\$28.00	Capacitor Run 4 MF 370V
4040140	\$32.00	Capacitor Run 40 MFD 440V 50/60HZ
4040145	\$20.00	Capacitor Run 45 MF 370V 60HZ
4040155	\$25.00	Capacitor Run 55MFD 370V
4040160	\$30.00	Capacitor Run 60 MFD 370V
4040180	\$50.00	Capacitor Run 80 MFD 370V
330412	\$17.00	Capacitor Start 21-25MFD 330V 50/60
4040243	\$23.00	Capacitor Start 43-53 MFD 220V 60
4040543	\$19.00	Capacitor Start 43-53 MFD. 330V 60
330559	\$30.00	Capacitor Start 72-88 MFD 330V
4040106	\$60.00	Capacitor Start 88-106
4040070	\$90.00	Capacitor Start High Torque
4040016	\$105.00	Capacitor Start 216 MFD 330V
331733	\$60.00	Capacitor Start 270-324/330
4040206	\$28.00	Capacitor Start 88-106 MR W/15 OHM

Start Relays

4040060	\$115.00	Relay Start Motor UMSR50
4128325	\$105.00	Relay Start ARR3T3TP3
4128425	\$105.00	Relay Start ARR3T8K3
4128200	\$105.00	Relay Start BRISTOL #650979 or GE #GE3ARR22J24R3
4130200	\$105.00	Relay Start GE #3ARR3-CT10S5
4130100	\$105.00	Relay Start GE #GE3ARR3-B3P3
4128450	\$105.00	Relay Start Ignition Protected Version of #4128425 (GE #3ARR3T8K3)
4130150	\$55.00	Relay Start Ignition Protected Version of #4130125 (GE #3ARR3-T3P3)
4130250	\$105.00	Relay Start Ignition Protected Version of #4130200 (GE #3ARR3-CT10S5)
4127500	\$105.00	Relay Start Rotary 16CK 3ARR3-T3AV3
298001165	\$105.00	Relay Start Ignition Protected(GE #ARR3T3TP3)

Compressor Overloads

331404	\$28.00	Overload Protector for #AK8515E
044600	\$28.00	Overload For Panasonic 7CK Compressor
044700	\$31.00	Overload Old Copeland 30101-16
046500	\$29.00	Overload Tecumseh 30103-07
046600	\$29.00	Overload Tecumseh 30103-10
332858	\$26.00	Overload Tecumseh 3014016
046801	\$29.00	Overload Tecumseh 3014112, 3014116, 3014216
332855	\$26.00	Overload Tecumseh 3014012
046805	\$26.00	Overload Tecumseh 3014212
332852	\$26.00	Overload Tecumseh 3014010
046807	\$29.00	Overload Tecumseh 3014110
046808	\$26.00	Overload Tecumseh 3014210

Compressor Overloads continued

Item No.	List Price USD	Description
332849	\$26.00	Overload Tecumseh 3014007
332851	\$26.00	Overload Tecumseh 3014107
331407	\$28.00	Overload Tecumseh 30102-07
048800	\$29.00	Overload Tecumseh 30101-07
048900	\$29.00	Overload Tecumseh 30101-10
4043100	\$19.00	Overload Panasonic 334037
4120024	\$19.00	Overload Panasonic 3013505
4120008	\$19.00	Overload Panasonic 3013307
4120009	\$19.00	Overload Panasonic 3013407
4120025	\$19.00	Overload Panasonic 3013507
4120006	\$19.00	Overload Panasonic 3013310
4120010	\$19.00	Overload Panasonic 3013410
4120028	\$19.00	Overload Panasonic 3013510
4120007	\$19.00	Overload Panasonic 3013312
4120010	\$19.00	Overload Panasonic 3013412
4120027	\$19.00	Overload Panasonic 3013417
4120022	\$19.00	Overload Panasonic 3013416
4120023	\$23.00	Overload Panasonic 3013518
049000	\$28.00	Overload Tecumseh 30101-11 & 12
049200	\$29.00	Overload Tecumseh 30102-10
049300	\$29.00	Overload Tecumseh 30102-12
331405	\$28.00	Overload Tecumseh 30102-16
049600	\$29.00	Overload Tecumseh 30101-05

Pressure Switches

297000050	\$70.00	A-200, Line Duty High Pressure Switch
297000047	\$70.00	A-201, Low Pressure Switch
297000054	\$65.00	A-204, Low Pressure Port Retro Kit
297000048	\$70.00	A-205, High Pressure Switch
4024100	\$55.00	Adapter Tee Assy, Flare Service Port

Replacement Seawater Condensers

R3600-F5	\$425.00	Condenser Assembly F5
R3600-F7	\$490.00	Condenser Assembly F7
R3600-F10	\$610.00	Condenser Assembly F10
R3600-F16	\$695.00	Condenser Assembly F16
R3600-F24	\$875.00	Condenser Assembly F24
R3600-F36	\$1,525.00	Condenser Assembly F36
R3600-S7	\$470.00	Replacement Condenser StowAway 7
R3600-S10	\$585.00	Replacement Condenser StowAway 10
R3600-S12	\$635.00	Replacement Condenser StowAway 12
R3600-S16	\$885.00	Replacement Condenser StowAway 16
701824303	\$955.00	Repl Condenser RM24, R30

Replacement Reversing Valves (verify model & serial numbers before ordering)

701830360	\$455.00	Repl Reversing Valve R30/36
701820245	\$455.00	A-509B, Repl RV Assy VH7, StowAway & Remote 5-7K (replaces A-509A for these units)
701820243	\$455.00	A-509C, Repl RV Assy V1-4, Remote 10-12-16K (replaces A-509A for these units)
701820242	\$455.00	A-511B, Repl RV Assy V2-4, Stow 10-12-16K, Remote 20-24K, ACH14K (Rplc's A-511A)
701820241	\$545.00	A-512B, Repl RV Assy V3-4, Remote 30-36K (Replaces A-515A)
701820244	\$475.00	A-510B, Repl RV Assy V6-4, StowAway 24 & Remote 48-60-72K (Replaces A-510A)
331531	\$21.00	Coil RV Solenoid 230V used on models with "before" dates listed below *
		* StowAway & Remote 5-7K before 3-29-04 (serial number 413xxxxx)
		* StowAway & Remote 10K & Up before 11-04-04 (serial number 445xxxxx)
4071501	\$20.00	Coil RV Solenoid 115V used with VH7 valve in assembly A-509B
4071601	\$20.00	Coil RV Solenoid 203V used with VH7 valve in assembly A-509B
4071502	\$17.00	Coil RV Sol 115V used with "-4" valves in assy's A-509C, A-510B, A-511B, A-512B
4071602	\$17.00	Coil RV Sol 230V used with "-4" valves in assy's A-509C, A-510B, A-511B, A-512B
4071700	\$10.00	Cord RV Coil Wiring for all assemblies above except not needed with A-509B (VH7 vlv)

Notes:

1. New Reversing Valves will work on older units, but you must also replace the Solenoid Coil.
2. New valves will not work with old coils and old valves will not work with the new coils.

Base Valves

Item No.	List Price USD	Description
3080106	\$47.00	Valve Base 3/8, Suction, 5-12k
3080204	\$42.00	Valve Base 1/4, Discharge, 5-16k
3080508	\$37.00	Valve Base 3/8 OD X 1/2MFL, Suction, 16k
3080600	\$2.00	Valve Core
3080808	\$42.00	Valve Base 1/2 OD X 1/2MFL, Suction, 20-24k
3081012	\$70.00	Valve Base 3/4, Suction 30-48k
3081100	\$5.00	Valve Core Fitting
3081206	\$42.00	Valve Base 3/8, Discharge, 20-48k
330642	\$2.00	Cap Flare 1/4
3121301	\$8.00	Cap Valox Base Valve Stem

Receivers and Dryers

331170	\$140.00	Receiver Strainer Small 1/4" OD Solder
3150401	\$260.00	Receiver Strainer Large 3/8" OD Solder
3150706	\$18.00	Filter Dryer 3/8" OD Solder
3160106	\$31.00	Accumulator Copper In-Line 3/8" Solder
3160300	\$100.00	Accumulator Steel J-Type 3X 8.5 w/ 1/2"OD
3160401	\$120.00	Accumulator Steel J-Type 4X 8.5 w/ 5/8"OD
3160608	\$24.00	Accumulator In Line 1/2" OD Solder
9081106	\$130.00	Dryer 3/8" Flare
9081208	\$130.00	Dryer 1/2" Bi-Directional

Replacement Parts for Turbo Units**Blower Assemblies (R410A, R417A)****Turbo STQ, STX & STH Replacement Blowers**

239400052	\$225.00	Blower Assy ST6, 115V
239400053	\$225.00	Blower Assy ST6, 230V 60HZ & 220V 50HZ
239400054	\$250.00	Blower Assy ST8, 115V
239400055	\$250.00	Blower Assy ST8, 230V 60HZ & 220V 50HZ
239400056	\$295.00	Blower Assy ST10-12, 115V
239400057	\$295.00	Blower Assy ST10-12, 230V 60HZ & 220V 50HZ
239400058	\$340.00	Blower Assy ST14-16, 115V
239400059	\$340.00	Blower Assy ST14-16, 230V 60HZ & 220V 50HZ

Compressor Assemblies (R410A)**Turbo STQ, STX & STH Replacement Compressors**

239402044	\$460.00	Repl Compressor ST6, 115V
239402045	\$470.00	Repl Compressor ST6, 200-230V 60HZ
239402046	\$465.00	Repl Compressor ST8, 115V
239402047	\$480.00	Repl Compressor ST8, 230V
239402048	\$490.00	Repl Compressor ST8, 220V 50HZ
239402049	\$460.00	Repl Compressor ST10, 115V
239402050	\$480.00	Repl Compressor ST10, 230V
239402051	\$490.00	Repl Compressor ST10, 220V 50HZ
239402052	\$475.00	Repl Compressor ST12, 115V
239402053	\$490.00	Repl Compressor ST12, 230V
239402054	\$500.00	Repl Compressor ST12, 220V 50HZ
239402055	\$510.00	Repl Compressor ST16, 115V
239402056	\$520.00	Repl Compressor ST16, 230V
239402057	\$535.00	Repl Compressor ST16, 220V 50HZ

Compressor Assemblies (R417A)**Turbo STQ, STX & STH Replacement Compressors**

239402020	\$485.00	Repl Compressor ST6, 115V
239402021	\$505.00	Repl Compressor ST6, 220V 50HZ
239402022	\$495.00	Repl Compressor ST8, 115V
239402023	\$505.00	Repl Compressor ST8, 230V
239402024	\$515.00	Repl Compressor ST8, 220V 50HZ
239402025	\$505.00	Repl Compressor ST10, 115V
239402026	\$515.00	Repl Compressor ST10, 230V
239402027	\$530.00	Repl Compressor ST10, 220V 50HZ
239402028	\$505.00	Repl Compressor ST12, 115V
239402029	\$515.00	Repl Compressor ST12, 230V
239402030	\$530.00	Repl Compressor ST12, 220V 50HZ
239402031	\$515.00	Repl Compressor ST14, 115V
239402032	\$530.00	Repl Compressor ST14, 230V
239402034	\$515.00	Repl Compressor ST16, 115V
239402035	\$540.00	Repl Compressor ST16, 230V
239402036	\$695.00	Repl Compressor ST16, 220V 50HZ

Evaporator Assemblies with Strainer and Cap Tube (R410A)**Turbo STQ, STX & STH Replacement Evaporators**

<u>Item No.</u>	<u>List Price USD</u>	<u>Description</u>
239401027	\$305.00	Evap Assy ST6
239401028	\$310.00	Evap Assy ST8
239401029	\$360.00	Evap Assy ST10
239401030	\$450.00	Evap Assy ST12
239401031	\$490.00	Evap Assy ST16

Evaporator Assemblies with Strainer and Cap Tube (R417A)**Turbo STQ, STX & STH Replacement Evaporators**

239401009	\$315.00	Evap Assy ST6
239401010	\$315.00	Evap Assy ST8
239401011	\$345.00	Evap Assy ST10
239401012	\$345.00	Evap Assy ST12
239401013	\$350.00	Evap Assy ST14
239401014	\$350.00	Evap Assy ST16

Reversing Valve Assemblies (R410A, R417A)

239100071	\$245.00	Rev. Valve Assy ST6-8, 115V
239100072	\$245.00	Rev. Valve Assy ST6-8, 220V 50HZ & 230V
239100073	\$255.00	Rev. Valve Assy ST10-12, 115V
239100074	\$255.00	Rev. Valve Assy ST10-12, 220V 50HZ & 230V
239100075	\$270.00	Rev. Valve Assy ST14-16, 115V
239100076	\$270.00	Rev. Valve Assy ST14-16, 220V 50HZ & 230V

Solenoids (R410A, R417A)

4071503	\$15.00	Reversing Valve Solenoid, ST6-16, 115V
4071603	\$15.00	Reversing Valve Solenoid, ST6-16, 230V and 220V 50Hz

Drain Pan Assemblies

239300022	\$140.00	Drain Pan Assy ST6-8
239300023	\$140.00	Drain Pan Assy ST10-12
239300024	\$140.00	Drain Pan Assy ST14-16

Compressor Overloads (R410A)

332849	\$26.00	Compressor Overload, ST6 & ST8 115V
4120059	\$18.00	Compressor Overload, ST6 & ST8, 220V 50Hz & 230V 50Hz
4120047	\$17.00	Compressor Overload, ST10, 115V
4120061	\$16.00	Compressor Overload, ST10, 230V
4120060	\$16.00	Compressor Overload, ST10 & ST12, 220V 50Hz
4120062	\$16.00	Compressor Overload, ST12, 115V
4120057	\$26.00	Compressor Overload, ST12, 230V
4120046	\$17.00	Compressor Overload, ST16, 115V
4120022	\$19.00	Compressor Overload, ST16, 230V
4120040	\$19.00	Compressor Overload, ST16, 220V 50Hz

Compressor Overloads (R417A)

4043100	\$19.00	Compressor Overload, ST6, 115V
4120024	\$19.00	Compressor Overload, ST6, 220V 50Hz
4120008	\$19.00	Compressor Overload, ST8, 115V
4120006	\$19.00	Compressor Overload, ST8, 230V
4120025	\$19.00	Compressor Overload, ST8, 220V 50Hz
4120038	\$19.00	Compressor Overload, ST10, 115V
4120039	\$19.00	Compressor Overload, ST10, 230V
4120028	\$19.00	Compressor Overload, ST10, 220V 50Hz
4120007	\$19.00	Compressor Overload, ST12-14, 115V
4120010	\$19.00	Compressor Overload, ST12, 230V
335573	\$26.00	Compressor Overload, ST12, 220V 50Hz
4120040	\$19.00	Compressor Overload, ST14, 230V and 220V 50Hz
4120027	\$19.00	Compressor Overload, ST16, 115V
4120022	\$19.00	Compressor Overload, ST16, 230V
332859	\$26.00	Compressor Overload, ST16, 220V 50Hz

Capacitors (R410A, R417A)

<u>Item No.</u>	<u>List Price USD</u>	<u>Description</u>
4040028	\$21.00	Dual Run Cap, ST6, 115V
4040034	\$21.00	Dual Run Cap, ST6, 220V 50Hz
4040031	\$21.00	Dual Run Cap, ST8, 115V
4040040	\$21.00	Dual Run Cap, ST8, 230V and 220V 50Hz
4040029	\$21.00	Dual Run Cap, ST10, 115V
336033	\$21.00	Dual Run Cap, ST10, 230V
4040035	\$21.00	Dual Run Cap, ST10, 220V 50Hz
4040029	\$21.00	Dual Run Cap, ST12, 115V
4040037	\$21.00	Dual Run Cap, ST12, 230V
4040041	\$21.00	Dual Run Cap, ST12, 220V 50Hz
4040032	\$26.00	Dual Run Cap, ST14, 115V
4040038	\$26.00	Dual Run Cap, ST14-16, 230V
4040036	\$26.00	Dual Run Cap, ST14-16, 220V 50Hz
4040039	\$26.00	Dual Run Cap, ST16, 115V

Sound Covers (R410A)

8010106	\$195.00	Sound Cover, ST6-8
8010110	\$195.00	Sound Cover, ST10-12, and ST12C
8010114	\$195.00	Sound Cover, ST16 and ST16C

Sound Covers (R417A)

8010106	\$195.00	Sound Cover, ST6-8
8010110	\$195.00	Sound Cover, ST10, ST10C, ST12CK
8010112	\$195.00	Sound Cover, ST12, ST12C, ST10CK
8010114	\$195.00	Sound Cover, ST14, ST16, ST16CK
8010116	\$195.00	Sound Cover, ST14C, ST16C, ST14CK

Return Air Plenums

229801121	\$130.00	Plenum, Aluminum 6-8K Turbo, No Ring
229801129	\$220.00	Plenum, Aluminum 6-8K Turbo, 10" Ring
229801093	\$140.00	Plenum, Aluminum 10-12K Turbo, No Ring
229801094	\$230.00	Plenum, Aluminum 10-12K Turbo, 12" Ring
229801124	\$150.00	Plenum, Aluminum 14-16K Turbo, No Ring
229801095	\$240.00	Plenum, Aluminum 14-16K Turbo, 12" Ring

Replacement EnviroCool & EnviroComfort Assemblies**Blower Assemblies**

239400063	\$225.00	Blower Assembly, ECD5K-HV, 115V
239400064	\$275.00	Blower Assembly, ECD6.5K-HV, 115V
239400065	\$280.00	Blower Assembly, ECD9K-HV, 115V
239400066	\$280.00	Blower Assembly, ECD11K-HV, 115V
239400067	\$315.00	Blower Assembly, ECD15K-HV, 115V
239400068	\$260.00	Blower Assembly, ECM5K-HV, 115V
239400069	\$310.00	Blower Assembly, ECM6.5K-HV, 115V
239400070	\$325.00	Blower Assembly, ECM9K-HV, 115V
239400071	\$325.00	Blower Assembly, ECM11K-HV, 115V
239400072	\$385.00	Blower Assembly, ECM15K-HV, 115V

Electrical Box Assemblies

293049285	\$440.00	Electrical Box Assembly, ECD5K-HV, 115V
293049286	\$440.00	Electrical Box Assembly, ECD6.5K-HV, 115V
293049287	\$440.00	Electrical Box Assembly, ECD9K-HV, 115V
293049288	\$440.00	Electrical Box Assembly, ECD11K-HV, 115V
293049289	\$440.00	Electrical Box Assembly, ECD15K-HV, 115V
293049290	\$440.00	Electrical Box Assembly, ECM5K-HV, 115V
293049291	\$440.00	Electrical Box Assembly, ECM6.5K-HV, 115V
293049292	\$440.00	Electrical Box Assembly, ECM9K-HV, 115V
293049293	\$440.00	Electrical Box Assembly, ECM11K-HV, 115V
293049294	\$440.00	Electrical Box Assembly, ECM15K-HV, 115V

Reversing Valve Assemblies

Only used for ECD (EnviroComfort) Units

239100078	\$180.00	Reversing Valve Assembly, ECD5 - 6.5K-HV, 115V
239100079	\$180.00	Reversing Valve Assembly, ECD9-15K-HV, 115V

Evaporator Assemblies

239401019	\$290.00	Evaporator Assembly, ECD/ECM 5K-HV, 115V
239401020	\$290.00	Evaporator Assembly, ECD/ECM 6.5K-HV, 115V
239401021	\$330.00	Evaporator Assembly, ECD/ECM 9K-HV, 115V
239401022	\$350.00	Evaporator Assembly, ECD/ECM 11K-HV, 115V
239401023	\$375.00	Evaporator Assembly, ECD/ECM 15K-HV, 115V

Compressor Assemblies

Item No.	List Price USD	Description
239402020	\$485.00	Compressor Assembly, ECD/ECM 5K-HV, 115V
239402022	\$495.00	Compressor Assembly, ECD/ECM 6.5K-HV, 115V
239402040	\$500.00	Compressor Assembly, ECD/ECM 9K-HV, 115V
239402028	\$505.00	Compressor Assembly, ECD/ECM 11K-HV, 115V
239402034	\$515.00	Compressor Assembly, ECD/ECM 15K-HV, 115V

Drain Pan Assemblies

239300030	\$190.00	Drain Pan Assembly, ECD/ECM 5K-HV, 115V
239300031	\$190.00	Drain Pan Assembly, ECD/ECM 6.5K-HV, 115V
239300032	\$190.00	Drain Pan Assembly, ECD/ECM 9-11K-HV, 115V
239300033	\$190.00	Drain Pan Assembly, ECD/ECM 15K-HV, 115V

Condenser Coil Assemblies

332685	\$235.00	Condenser Coil Assembly, ECD/ECM 5K-HV, 115V
334555	\$255.00	Condenser Coil Assembly, ECD/ECM 6.5K-HV, 115V
335465	\$315.00	Condenser Coil Assembly, ECD/ECM 9-11K-HV, 115V
335494	\$345.00	Condenser Coil Assembly, ECD/ECM 15K-HV, 115V

Replacement Parts for StowAway S-F & Zephyr ZF Units

Blower Assemblies

StowAway SXF & SHF Replacement Insulated Blowers, High Velocity

293042209	\$560.00	Blower Assy SF5, 115V
240110095	\$585.00	High Velocity Blower w/Capacitor for SF5-HV, 115V
293042076	\$585.00	High Velocity Blower w/Capacitor for SF7-HV, 115V
239400014	\$590.00	High Velocity Blower w/Capacitor for SF7C-HV, 230V
293042080	\$635.00	High Velocity Blower w/Capacitor for SF10-HV, 115V
293042081	\$635.00	High Velocity Blower w/Capacitor for SF10C-HV, 230V
293042080	\$635.00	High Velocity Blower w/Capacitor for SF12-HV, 115V
293042081	\$635.00	High Velocity Blower w/Capacitor for SF12C-HV, 230V
293042031	\$740.00	High Velocity Blower w/Capacitor for SF16-HV, 115V
293042049	\$740.00	High Velocity Blower w/Capacitor for SF16C-HV, 230V

Zephyr ZF Replacement Blowers

293600305	\$315.00	Blower ZF5, 115V High Velocity with mount plate
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Compressor Parts

Replacement Compressors for StowAway SXF & SHF

293045140	\$645.00	220V for SF7CK
293045057	\$525.00	115V for SF7
293045613	\$625.00	115V for SF10 (built thru Feb. '03)
293045623	\$595.00	115V for SF10-1 (built from Mar. '03)
293045614	\$640.00	230V for SF10C (built thru Feb. '03)
239402008	\$575.00	230V for SF10C-1 (built from Mar. '03)
293045051	\$645.00	115V for SF12 (built thru Feb. '03)
293045179	\$595.00	115V for SF12-1 (built from Mar. '03)
293045052	\$665.00	230V for SF12C (built thru Feb. '03)
293045055	\$660.00	220V for SF12CK (built thru Feb. '03)
239402000	\$495.00	115V for SF5/2
239402002	\$510.00	115V for SF7/2
239402004	\$515.00	230V for SF7C/2
239402008	\$575.00	230V for SF10C/2
239402019	\$590.00	115V for SF12/2
239402011	\$590.00	230V for SF12C/2
239402012	\$595.00	115V for SF16/2
239402014	\$610.00	230V for SF16C/2
239402016	\$765.00	220V for SF18CK/2
239402017	\$755.00	230V for SF18C/2
293045053	\$660.00	115V for SF16
293045054	\$685.00	230V for SF16C
293045112	\$740.00	220V for SF16CK
331475	\$18.00	RUN CAP, 35MFD/370V
334800	\$22.00	PLUG WIRING SCROLL 130 1PH 3'

Notes:

1. Add run capacitor and molded plug harness for units manufactured through May 1998.
2. Add molded plug harness for units manufactured between June 1998 and December 2000.
3. For units manufactured after December 2000, only painted compressor is required.

Zephyr ZF Replacement Compressors

<u>Item No.</u>	<u>List Price USD</u>	<u>Description</u>
3014010	\$455.00	115V Comp Zephyr ZF 10 (units built thru Feb. '03)
335495	\$505.00	115V Comp Zephyr ZF 10-1 (units built from Mar. '03)
3014110	\$530.00	230V Comp Zephyr ZF 10C (units built thru Feb. '03)
331258	\$520.00	115V Comp Zephyr ZF 12 (units built thru Feb. '03)
3014512	\$515.00	115V Comp Zephyr ZF 12-1 (units built from Mar. '03)
3014112	\$535.00	230V Comp Zephyr ZF 12C (units built thru Feb. '03)
3014016	\$515.00	115V Comp Zephyr ZF 16
331815	\$585.00	230V Comp Zephyr ZF 16C

Thermal Disk Overloads for StowAway SXF & SHF

332849	\$26.00	115V Overload SF7
332850	\$26.00	230V Overload SF7C
332852	\$26.00	115V Overload SF10 (built thru Feb. '03)
335571	\$26.00	115V Overload SF10-1 (built from Mar. '03)
335573	\$26.00	220V Overload SF10CK-1 (built from Mar. '03)
332855	\$26.00	115V Overload SF12 (built thru Feb. '03)
335574	\$26.00	115V Overload SF12-1 (built from Mar. '03)
332856	\$26.00	230V Overload SF12C (built thru Feb. '03)
335573	\$26.00	230V Overload SF12C-1 (built from Mar. '03)
335575	\$26.00	220V Overload SF12CK-1 (built from Mar. '03)
332858	\$26.00	115V Overload SF16
332859	\$26.00	230V Overload SF16C
332860	\$26.00	220V Overload SF16CK

Electronic Parts & Circuit Boards

Capacitors

333350	\$11.00	Capacitor Run 15 mfd / 370 Volt
338455	\$12.00	Capacitor Run 20 mfd / 370 Volt
333360	\$17.00	Capacitor Run 25 mfd / 370 Volt
4040130	\$15.00	Capacitor Run 30 mfd / 370 Volt
331475	\$18.00	Capacitor Run 35 mfd / 370 Volt
330855	\$19.00	Capacitor Run 40 mfd / 370 Volt
335055	\$11.00	Start Assist Kit
334867	\$37.00	Hard Start Kit
330412	\$17.00	Capacitor Start 21-25 mfd / 370 Volt
4040206	\$28.00	Capacitor Start 88-108 mfd / 370 Volt

Relays

331269	\$55.00	Universal Relay Potential MT
362118	\$42.00	Relay Potential GE820ARR3A46

Screw on Pressure Control Tee Assemblies

297000012	\$115.00	Tee Assembly High Pressure, high amperage, R417A/R22
297000013	\$260.00	Tee Assembly Low Pressure, high amperage, R417A/R22

Notes:

1. Does not require cutting into refrigeration circuit.
2. Includes port for continued easy serviceability.

Screw on Pressure Control Tee Assemblies to Wire to Circuit Board.

297000014	\$115.00	Tee Assembly High Pressure, low amperage
297000015	\$135.00	Tee Assembly Low Pressure, low amperage

Notes:

1. Does not require cutting into refrigeration circuit.
2. Includes port for continued easy serviceability.

Refrigerant Circuit Parts

Solenoid Coils

291046503	\$37.00	Solenoid for RVS Valve with male spade, 230V
334045	\$20.00	Solenoid for 115V SF7 only, beginning Dec 2004 (sn: 449xxxxx)
4071601	\$20.00	Solenoid for 230V SF7C only, beginning Dec 2004 (sn: 449xxxxx)

Reversing Valves

StowAway SXF & SHF Reversing Valve Assembly (including copper tubing out of valve)		
239100080	\$210.00	Rev Vlv Assy Stowaway SXF & SHF 12-16 (after 3/03)

Note: All Reversing Valve orders must also include the model & serial number of the unit.

Condenser Coils and Assemblies

<u>Item No.</u>	<u>List Price USD</u>	<u>Description</u>
293044033	\$305.00	Condenser Coil Assy w/90 degree elbows SF7K
293044034	\$320.00	Condenser Coil Assy w/90 degree elbows SF10K (Prior to 3/03)
293044035	\$370.00	Condenser Coil Assy w/90 degree elbows SF12K (Prior to 3/03)
293044036	\$370.00	Condenser Coil Assy w/90 degree elbows SF16K (Prior to 3/03)

Evaporator Coils for StowAway SXF & SHF

332062	\$220.00	Evaporator Coil SF5, 5-1, 5-2
333278	\$240.00	Evaporator Coil SF7
333279	\$345.00	Evaporator Coil SF10 (Units built prior to March 2003)
335510	\$330.00	Evaporator Coil SF10-1 (Units built from March 2003)
335476	\$340.00	Evaporator Coil SF12-1 (Units built from March 2003)
333281	\$405.00	Evaporator Coil SF12 / SF16 / SF16HV (Built prior to March 2003)
335509	\$380.00	Evaporator Coil SF16-1 / SF16-1HV (Units build from March 2003)
331890	\$485.00	Evaporator Coil SF24

Evaporator Coils with Cap Tube and Strainer Assembly Installed for StowAway SXF & SHF

293044121	\$245.00	Evap Coil Assy SF7 with filter strainer & cap tube
293044123	\$410.00	Evap Coil Assy SF12 with filter strainer & cap tube (3/03 & earlier)
293044124	\$415.00	Evap Coil Assy SF16 with filter strainer & cap tube (3/03 & earlier)
293044254	\$390.00	Evap Coil Assy SF16-1 with filter strainer & cap tube (3/03 & later)

Strainer Assemblies with Cap Tubes for StowAway SXF & SHF

335466	\$26.00	Strainer with cap tube SF5K
332343	\$26.00	Strainer with cap tube SF7K
332342	\$26.00	Strainer with cap tube SF10K
332341	\$26.00	Strainer with cap tube SF12K
332340	\$26.00	Strainer with cap tube SF16K
291044002	\$47.00	Strainer with cap tube SF24K
3150018	\$47.00	Strainer with cap tube SF18K, 410A

Cabin Control Parts**"Q" Power/Logic Board**

701800004	\$225.00	Replacement "Q" Power Logic Board
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SMXII Power/Logic Boards - Models and Serial Numbers Where Used

722300288	\$315.00	A-288D, Dual-Purpose Replacement SMXII-HV Power Logic Board
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SMXII Power/Logic Boxes - Models and Serial Numbers Where Used

763100064	\$690.00	PLPX-HV, Replacement SMX-HV Power Logic Box
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Note: PLPX-HV will replace all PLP, PLPC, and PLPX boxes.

SMX Net Power/Logic Boards - Models Where Used

701500101	\$495.00	A-282NC, Replacement SMX Network Power Logic Board
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Triacs and Power Relays

758000006	\$37.00	A-548, Replacement TO-3 Triac (flat style)
4120050	\$32.00	Replacement Q-Relay Board only (for self-contained units with Q-Logic control built starting Oct 2009)
263400645	\$75.00	Retrofit Kit, Q-Relay Board w/hardware
4120051	\$32.00	Replacement D-Relay for A-284 retrofit boxes
263400647	\$75.00	Retrofit Kit, D-Relay w/hardware for A-284 retrofit boxes (refer to FN#299-C10)
701800008	\$80.00	A-551, Stud Triac (Pre-1993) Retro Kit (includes TO-3 triac)
4220048	\$75.00	A-552, Relay P.C. Board PR3X, PR8X, PWX
4134000	\$185.00	Relay Solid State 25 AMP 48-280VAC
4134100	\$105.00	Relay Solid State 40 AMP 48-280VAC
4134200	\$220.00	Relay Solid State 75 AMP 48-280VAC
701800009	\$225.00	A-816, Retrofit Solid State Relay FX20-48
701800010	\$225.00	A-835, Relay PWX to 75 Amp Solid State Relay
722400012	\$41.00	A-556, Replacement MOV, Surge Suppressor
TR115	\$55.00	Relay Trigger 115V for PR3X 8X & PWX
TR230	\$55.00	Relay Trigger 230V for PR3X 8X & PWX

Contactors for 3 Phase Compressors only

4130830	\$210.00	CONTACTOR 120V 3 POLE 30A, use on all D & E models with 115 volt control
4130630	\$210.00	CONTACTOR 240V 3 POLE 30A, use on all DC & EC models with 230 volt control

Time Delays

Item No.	List Price USD	Description
763100082	\$141.00	TD230, Time Delay for PMX & PWXP-230V

Rotary Switch Parts

4020800	\$38.00	Mode Switch, Rotary, 3-Position, SA1/SA3/SSA3/DSA
4023600	\$29.00	Switch Rotary 2-POS SPDT 2-Speed Fan
297000044	\$90.00	A-4215, 115 V. Rotary SCR Variable Fan Speed Control
297000046	\$90.00	A-4216, 230 V. Rotary SCR Variable Fan Speed Control
4060603	\$90.00	Thermostat, Heat & Cool, SA3/SSA3/DSA
4060703	\$80.00	Thermostat, Cool Only, SA1/DSA
5090900	\$11.00	Knob, Black with new mylar
019608	\$28.00	Terminal Strip Cover, 8 Lug, Plastic
019700	\$22.00	Switch Assembly Cover, Plastic
SA3-RETRO	\$110.00	Mylar Overlay W/ Knobs for SA3

Fuses

4121592	\$6.00	Fuse 2AG 1/4 Amp Slow Blow SMX Net Board
335498	\$4.00	Fuse 3AG .8 AMP SMX PC Board
4122810	\$7.00	Fuse MDA Ceramic 10A PR3X, PR8X
334397	\$15.00	Fuse 1/4AMP 250V (automotive type), A-281C SMX II Board with Heat Sink Plate
4122891	\$9.00	Fuse 50mA 5X20mm Delay 250V, A-281C SMX II Board without Heat Sink Plate

Pump Parts**PDS Parts (Includes housing, impeller, O-ring)**

332843	\$43.00	Repair Kit for PDS250 (notches on impeller go towards motor)
1029401	\$60.00	Repair Kit for PDS500
1029601	\$65.00	Repair Kit for PDS900

PML250 & PMP250 Parts

050401	\$20.00	Headcover (Inlet) PM/PMP/PML250 Pump
050701	\$12.00	O-Ring Headcover PM/PMP/PML250 Pump
051201	\$16.00	Washer Thrust PMP250 & 500, PML250 & 500, PMA500 & 1000
051701	\$60.00	Impeller Assembly PMP & PML250 Pump
052001	\$60.00	Housing (Outlet) PM/PMP/PML250 Pump
052501	\$32.00	Spindle Ceramic PM/PMP/PML250 Pump
053401	\$10.00	Gasket Motor Bracket PM/PMP/PML250 Pump
054500	\$4.00	Seal Cooling Tube 250/500 Pumps
725115008	\$200.00	A-507P, Pump Head Assy. PM/PMP/PML250
331073	\$37.00	Plastic Mount Base for PM/PMP/PML250 & PML500

PML, PMP & PMA 500 Parts

050501	\$32.00	Headcover (Inlet) PMA/PM/PMP/PML500 Pump
051201	\$16.00	Washer Thrust PMP250 & 500, PML250 & 500, PMA500 & 1000
333414	\$75.00	Housing (Outlet) PM/PMP/PML500 Pump
052102	\$30.00	Housing (Outlet) PMA500 #130-018-10
050800	\$11.00	O-Ring PM/PMP/PML/PMA500 Head Cover
052401	\$8.00	O-Ring PM/PMP/PML500 Housing
052701	\$37.00	Spindle Shaft PMP500, PML500, PMA500 & PMA1000
334090	\$95.00	Impeller Assembly PM500 Pump
330118	\$75.00	Impeller Assembly PMP/PML500 Pump
054500	\$4.00	Seal Cooling Tube 250/500 Pumps
725115006	\$215.00	A-508P, Pump Head Assy. PM/PMP/PML500
725115001	\$55.00	A-532, Pump Isolation Mount Kit for PMA500 & PMA1000
331073	\$37.00	Plastic Mount Base for PM/PMP/PML250 & PML500
725115005	\$160.00	Pump Head Assembly for PMA500

PMA1000 Parts

050601	\$35.00	Headcover PMA1000 Pump
050900	\$11.00	O-Ring Headcover PMA1000 Pump
051201	\$16.00	Washer Thrust PMP250 & 500, PML250 & 500, PMA500 & 1000
334080	\$80.00	Impeller Magnet Assy PMA1000 Pump
052201	\$47.00	Housing PMA1000 Pump
052701	\$37.00	Spindle Shaft PMP500, PML500, PMA500 & PMA1000
A-506	\$195.00	PMA1000 Head Assy
725115001	\$55.00	A-532, Pump Isolation Mount Kit for PMA500 & PMA1000

P1200BX-SP (Self Priming)

Item No.	List Price USD	Description
1032300	\$1,130.00	Pump Head Assembly P1200 Pumps
1032310	\$240.00	Old Style Kit Pump Repair P1200B w/ Seals, Gasket & Impeller
4032400	\$490.00	Motor 1/2HP 115/230V 50/60 HZ
725112000	\$235.00	P1200BX Seal Kit (beginning with serial # 449xxxxx, dated 12/5/04)

P1500BX

055000	\$9.00	Gasket Head P1500 Pump (use with serial numbers before #515xxxxx, dated 4/15/05)
055100	\$100.00	Impeller P1500 Pump
1031000	\$590.00	Pump Head Assembly P1500 Pumps
4032400	\$490.00	Motor 1/2HP 115/230V 50/60 HZ
725115007	\$80.00	A-505, P1500BX/BXL Seal Kit - old Gasket with Seals (use with serial numbers before #515xxxxx, dated 4/15/05)
297000040	\$95.00	A-533, Pump Isolation Mount Kit for P1500 & P3000
725115000	\$125.00	P1500BX Seal Kit (beginning with serial # 515xxxxx, dated 4/15/05)

P3000BX/PH3000BX

1031101	\$780.00	Housing W/HDW P3000/PH3000 Pumps
1031102	\$135.00	Impeller Kit 3" P3000 Pump
1031103	\$135.00	Impeller Kit 3-1/2" PH3000 Pump
056000	\$7.00	Gasket Head P3000 Pump (use with serial numbers before #449xxxxx, dated 12/5/04)
4032400	\$490.00	Motor 1/2HP 115/230V 50/60 HZ
725115002	\$80.00	A-503, P3000BX/L Seal Kit - Old Style Gasket & Seals (use w/ serial numbers before #449xxxxx, dated 12/5/04)
297000040	\$95.00	A-533, Pump Isolation Mount Kit for P1500 & P3000
725130000	\$125.00	P3000BX & BXL Seal Kit (beginning with serial # 449xxxxx, dated 12/5/04)

PLC3000BX

330349	\$280.00	Impeller Kit 3-1/2"
330071	\$140.00	Seal Kit

Other Pumps

333990	\$80.00	Seal/Gasket Kit #67-68 (PS1500BX- PS2200BX)
330071	\$140.00	A-591, Seal/Gasket Kit #72-78 (PS1500B3X - PH3000B3X, P3600BX - PH4000B3X)
1038906	\$235.00	Impeller, 4" (PH4000B3X)
333997	\$195.00	Impeller, 3" (PSE1800BX)

Pump Relay Parts

758000006	\$37.00	A-548, Replacement To-3 Triac
701800008	\$80.00	A-551, Stud Triac Repl. Assy.
4220048	\$75.00	A-552, Relay P.C. Board PR3X, PR8X, PWX
TR115	\$55.00	Relay Trigger 115V-for PR3X 8X & PWX
TR230	\$55.00	Relay Trigger 230V- for PR3X 8X & PWX
4130830	\$210.00	CONTACTOR 120V 3 POLE 30A for PR4E
4171900	\$230.00	TRANSFORMER PRI 230/460 SEC 115 25VA for PR4E

Turbo Replacement Assemblies (R410A only)

Turbo unit BTU's and voltage	STQ Electrical Box Assembly	Evaporator Assembly w/Strainer	Condenser Coil Assembly	Compressor Assembly	Reversing Valve Assembly	Blower Assembly	Compressor Overload
6K 115V	Call for pricing & part #	239401027	239401015	239402044	239100071	239400052	Included w/compressor. Call for pricing & part #
6K 230V 60Hz	Call for pricing & part #	239401027	239401015	239402045	239100072	239400053	Included w/compressor. Call for pricing & part #
8K 115V	Call for pricing & part #	239401028	239401015	239402046	239100071	239400054	Included w/compressor. Call for pricing & part #
8K 230V	Call for pricing & part #	239401028	239401015	239402047	239100072	239400055	Included w/compressor. Call for pricing & part #
8K 220V 50Hz	Call for pricing & part #	239401028	239401015	239402048	239100072	239400055	Included w/compressor. Call for pricing & part #
10K 115V	Call for pricing & part #	239401029	239401016	239402049	239100073	239400056	Included w/compressor. Call for pricing & part #
10K 230V	Call for pricing & part #	239401029	239401016	239402050	239100074	239400057	Included w/compressor. Call for pricing & part #
10K 220V 50Hz	Call for pricing & part #	239401029	239401016	239402051	239100074	239400057	Included w/compressor. Call for pricing & part #
12K 115V	Call for pricing & part #	239401030	239401016	239402052	239100073	239400056	Included w/compressor. Call for pricing & part #
12K 230V	Call for pricing & part #	239401030	239401016	239402053	239100074	239400057	Included w/compressor. Call for pricing & part #
12K 220V 50Hz	Call for pricing & part #	239401030	239401016	239402054	239100074	239400057	Included w/compressor. Call for pricing & part #
16K 115V	Call for pricing & part #	239401031	239401017	239402055	239100075	239400058	4120046
16K 230V	Call for pricing & part #	239401031	239401017	239402056	239100076	239400059	4120022
16K 220V 50Hz	Call for pricing & part #	239401031	239401017	239402057	239100076	239400059	4120040

Turbo unit BTU's and voltage	Drain Pan Assembly	Dual Run Cap	RV Solenoid	High Pressure Switch
6K 115V	239300022	4040028	4071503	4024300
6K 220V 50Hz	239300022	4040034	4071603	4024300
8K 115V	239300022	4040031	4071503	4024300
8K 230V	239300022	4040040	4071603	4024300
8K 220V 50Hz	239300022	4040040	4071603	4024300
10K 115V	239300023	4040029	4071503	4024300
10K 230V	239300023	4040033	4071603	4024300
10K 220V 50Hz	239300023	4040035	4071603	4024300
12K 115V	239300023	4040029	4071503	4024300
12K 230V	239300023	4040037	4071603	4024300
12K 220V 50Hz	239300023	4040041	4071603	4024300
16K 115V	239300024	4040039	4071503	4024300
16K 230V	239300024	4040038	4071603	4024300
16K 220V 50Hz	239300024	4040036	4071603	4024300

Note: Pan Isolator available for all Turbo models. P/N 7236000

Turbo Replacement Assemblies (R417A only)

Turbo unit BTU's and voltage	STQ Electrical Box Assembly	Evaporator Assembly w/Strainer	Condenser Coil Assembly	Compressor Assembly	Reversing Valve Assembly	Blower Assembly	Compressor Overload
6K 115V	293048988	239401009	239401015	239402020	239100071	239400052	4043100
6K 220V 50Hz	293048989	239401009	239401015	239402021	239100072	239400053	4120024
8K 115V	293048990	239401010	239401015	239402022	239100071	239400054	4120008
8K 230V	293048991	239401010	239401015	239402023	239100072	239400055	4120006
8K 220V 50Hz	293048991	239401010	239401015	239402024	239100072	239400055	4120025
10K 115V	293048992	239401011	239401016	239402025	239100073	239400056	4120038
10K 230V	293048993	239401011	239401016	239402026	239100074	239400057	4120039
10K 220V 50Hz	293048994	239401011	239401016	239402027	239100074	239400057	4120028
12K 115V	293048992	239401012	239401016	239402028	239100073	239400056	4120007
12K 230V	293048995	239401012	239401016	239402029	239100074	239400057	4120010
12K 220V 50Hz	293048996	239401012	239401016	239402030	239100074	239400057	335573
14K 115V	293048997	239401013	239401017	239402031	239100075	239400058	4120007
14K 230V	293048998	239401013	239401017	239402032	239100076	239400059	4120040
14K 220V 50Hz	293048999	239401013	239401017	N/A	239100076	239400059	4120040
16K 115V	293049269	239401014	239401017	239402034	239100075	239400058	4120027
16K 230V	293048998	239401014	239401017	239402035	239100076	239400059	4120022
16K 220V 50Hz	293048999	239401014	239401017	239402036	239100076	239400059	332859

Turbo unit BTU's and voltage	Drain Pan Assembly	Dual Run Cap	RV Solenoid	High Pressure Switch
6K 115V	239300022	4040028	4071503	4024300
6K 220V 50Hz	239300022	4040034	4071603	4024300
8K 115V	239300022	4040031	4071503	4024300
8K 230V	239300022	4040040	4071603	4024300
8K 220V 50Hz	239300022	4040040	4071603	4024300
10K 115V	239300023	4040029	4071503	4024300
10K 230V	239300023	4040033	4071603	4024300
10K 220V 50Hz	239300023	4040035	4071603	4024300
12K 115V	239300023	4040029	4071503	4024300
12K 230V	239300023	4040037	4071603	4024300
12K 220V 50Hz	239300023	4040041	4071603	4024300
14K 115V	239300024	4040032	4071503	4024300
14K 230V	239300024	4040038	4071603	4024300
14K 220V 50Hz	239300024	4040036	4071603	4024300
16K 115V	239300024	4040039	4071503	4024300
16K 230V	239300024	4040038	4071603	4024300
16K 220V 50Hz	239300024	4040036	4071603	4024300

Note: Pan Isolator available for all Turbo models. P/N 7236000

Emerald 410A Replacement Assemblies/Parts

Emerald unit BTU's and voltage	Compressor Assembly	Condenser Coil Assembly	Drier	Reversing Valve	TX Valve	Run Capacitor	Compressor Overload
6K 115V	293013047	239401032	3150409	3081601	3084704	331475	4120058
6K 200-230V 50/60HZ	293013052	239401032	3150409	3081601	3084704	333350	4120059
8K 115V	293013048	239401032	3150409	3081601	3084704	331475	4120058
8K 230V	293013053	239401032	3150409	3081601	3084704	333350	4120059
10K 115V	293013049	239401032	3150409	3081601	3084704	330855	4120047
10K 230V	293013054	239401032	3150409	3081601	3084704	333350	4120061
10K 220V 50Hz	293013057	239401032	3150409	3081601	3084704	333350	4120060
12K 115V	293043050	239401033	3150409	3081409	3084704	331475	4120062
12K 230V	293013055	239401033	3150409	3081409	3084704	338455	4120057
12K 220V 50Hz	293013058	239401033	3150409	3081409	3084704	333597	4120060
16K 115V	293013051	239401033	3150409	3081409	3084704	4040145	4120046
16K 230V	293013056	239401033	3150409	3081409	3084704	4040130	4120022
16K 220V 50Hz	293013059	239401033	3150409	3081409	3084704	333360	4120040

Emerald unit BTU's and voltage	Low Pressure Switch Q, SMX Control	Low Pressure Switch Mechanical Control	High Pressure Switch Q, SMX Control	High Pressure Switch Mechanical Control
6K 115V	4024219	4024217	4024214	4024218
6K 200-230V 50/60HZ	4024219	4024217	4024214	4024218
8K 115V	4024219	4024217	4024214	4024218
8K 230V	4024219	4024217	4024214	4024218
8K 220V 50Hz	4024219	4024217	4024214	4024218
10K 115V	4024219	4024217	4024214	4024218
10K 230V	4024219	4024217	4024214	4024218
10K 220V 50Hz	4024219	4024217	4024214	4024218
12K 115V	4024219	4024217	4024214	4024218
12K 230V	4024219	4024217	4024214	4024218
12K 220V 50Hz	4024219	4024217	4024214	4024218
16K 115V	4024219	4024217	4024214	4024218
16K 230V	4024219	4024217	4024214	4024218
16K 220V 50Hz	4024219	4024217	4024214	4024218

Panasonic Compressor Changeover (R417A only)

Cruisair Self-Contained Models (excluding Turbo Units)

BTU CAP.	VOLTAGE	Comp. P/N	Run Cap P/N	Rating	PTCR	Overload	Part #
x 1000	volt/Hz/ph	Cruisair	Cruisair	Uf/volt	Start Assist	Vendor #	Cruisair
5	115/60/1	334037	331475	35/370	n/a	MRA99087	4043100
5C	230/60/1		Not Available				
5CK	240/50/1	3013505	338455	20/370	n/a	MRA99017-325	4120024
7	115/60/1	3013307	331475	35/370	n/a	MRA98866-325	4120008
7C	230/60/1	3013407	4040115	15/440	n/a	MRA98856	4120009
7CK	240/50/1	3013507	4040115	15/440	n/a	MRA99137	4120025
10	115/60/1	3013310	4040140	40/440	335055	MRA98694-117	4120006
10C	230/60/1	3013410	4040130	30/370	335055	MRA99027	4120010
10CK	240/50/1	3013510	4040130	30/370	335055	MRA99200-325	4120028
12	115/60/1	3013312	4040140	40/440	335055	MRA98695-117	4120007
12C	230/60/1	3013412	4040130	30/370	335055	MRA99027	4120010
12CK	240/50/1		Not Available				
16	115/60/1	3013317	4040130	30/370	335055	MRB5812-807	4120027
16C	230/60/1	3013416	4040130	30/370	335055	MRA98768	4120022
16CK	240/50/1		Not Available				
18	115/60/1	3104616.051	4040160	60/370	335055	internal	N/A
18C	230/60/1	3013418	331475	35/370	335055	MRA99575-325	4120005
18CK	240/50/1	3013518	4040150	50/370	335055	MRA98704-325	4120023

BTU CAP.	VOLTAGE	Compressor Replacement Assembly		
x 1000	volt/Hz/ph	Panasonic w/hardware and electrical		
5	115/60/1		not active	
5C	230/60/1		N/A	
5CK	240/50/1		not active	
7	115/60/1		293045662	
7C	230/60/1		N/A	
7CK	240/50/1		N/A	
10	115/60/1		293045662	*
10C	230/60/1		293045676	*
10CK	240/50/1		293045681	*
12	115/60/1		N/A	*
12C	230/60/1		N/A	*
12CK	240/50/1		N/A	
16	115/60/1		293045649	*
16C	230/60/1		293045663	
16CK	240/50/1		N/A	
18	115/60/1		not active	
18C	230/60/1		not active	
18CK	240/50/1		not active	

All Compressor Replacements include: grommets, sleeves, nuts & washers, filter drier, instruction sheets compressor, run cap and PTCR where applicable.

* = compressor may not fit into units prior to 1/01/2006.

Please contact Cruisair Applications department before ordering.

StowAway V Replacement Parts - Recip. Compressors

Model	Capacity (Btu/hr)	Capacitors		Start Relay	Rev. Valve	Rev.Valve Solenoid	Repl. Condenser	Repl. Compressor	Comp. Overload
115V		Run	Start						
SH,SX7	7,000	4040115	330412	4130150	A-509B	4071501	R3600-S7	293045657	048800
SH,SX10	10,000	333360	330412	4128325	A-511B	4071502	R3600-S10	R3101-10S	048900
SH,SX12	12,000	333360	4040543	4130150	A-511B	4071502	R3600-S12	293045656	049000
SH,SX16	16,000	331475	4040543	4130150	A-511B	4071502	R3600-S16	293045644	331404
230V									
SH,SX7C	7,000	4040115	330412	4128425	A-509B	4071601	R3600-S7	R3102-7S	048400
SH,SX10C	10,000	4040115	330412	4130150	A-511B	4071602	R3600-S10	R3102-10S	049200
SH,SX12C	12,000	4040115	4040543	4130150	A-511B	4071602	R3600-S12	R3102-12S	049300
SH,SX16C	16,000	338455	4040543	4130150	A-511B	4071602	R3600-S16	293045645	331405
SH,SX24C	24,000	4040130	330559	4130150	A-510B	4071602	N/A	293045653*	Internal
SH,SX24C3*	24,000	333360	4040206	4130200	A-510B	4071602	N/A	293045653*	Internal
220-240V 50Hz									
SH,SX7CK	7,000	4040115	330412	4130150	A-509B	4071601	R3600-S7	R3103-7S	046500
SH,SX10CK	10,000	4040115	330412	4130150	A-511B	4071602	R3600-S10	N/A	046600
SH,SX12CK	12,000	4040115	4040543	4130150	A-511B	4071602	R3600-S12	R3103-12S	046700
SH,SX16CK	16,000	333360	4040543	4130200	A-511B	4071602	R3600-S16	R3103-16S	N/A
SH,SX24CK	24,000	331475	330559	4130200	A-510B	4071602	N/A	293045653*	Internal
SH,SX24CK3*	24,000	331475	4040206	4130200	A-510B	4071602	N/A	293045653*	Internal

Note: Model numbers ending in "3" use H23 compressors. Replacement compressors ending in "3" include both capacitors and the start relay.

StowAway V Replacement Parts - Rotary Compressors

Model	Capacity (Btu/hr)	Capacitors		Start Relay*	Rev. Valve	Rev.Valve Solenoid	Repl. Condenser	Repl. Compressor	Comp. Overload
115V		Run	Start*						
SHR, SXR7	7,000	4040115	330559	4130150	A-509B	4071501	R3600-S7	293045660	332849
SHR, SXR10	10,000	4040130	330559	4130150	A-511B	4071502	R3600-S10	293045651	332852
SHR, SXR12	12,000	4040130	330559	4130150	A-511B	4071502	R3600-S12	293045655	332855
SHR, SXR16	16,000	4040130	330559	4130150	A-511B	4071502	R3600-S16	293045642	332858
230V									
SHR, SXR7C	7,000	4040140	330559	4130150	A-509B	4071601	R3600-S7	293045660	332851
SHR, SXR10C	10,000	4040130	330559	4130150	A-511B	4071602	R3600-S10	293045659	046807
SHR, SXR12C	12,000	4040130	330559	4127400	A-511B	4071602	R3600-S12	293045672	046801
SHR, SXR16C	16,000	4040130	330559	4127400	A-511B	4071602	R3600-S16	293045652	046801
220-240V 50Hz									
SHR, SXR7CK	7,000	4040115	-	-	A-509B	4071601	R3600-S7	R3142-7S	044600
SHR, SXR10CK	10,000	4040130	330559	4127500	A-511B	4071602	R3600-S10	N/A	046808
SHR, SXR12CK	12,000	4040130	330559	4127500	A-511B	4071602	R3600-S12	R3142-12S	046805
SHR, SXR16CK	16,000	4040130	330559	4127500	A-511B	4071602	R3600-S16	293045673	046801

Note: Newer SXR SMXII rotary units use a PTCR start assist (# 335055) instead of a start capacitor and start relay, except for 7k models which have no start assist device. The customer will need to know whether or not their unit has either the Start Cap & Relay or the PTCR.

Notes:

1. High pressure switch for SH and SHR units: A-200 (line duty)
2. High pressure switch for SX and SXR units: A-205
3. Low pressure switch for SX and SXR units: A-201

Reversing Valves & Solenoid Coils: See "Replacement Reversing Valves" section of this book and Field Notice #FNR233-I4 before ordering RV's or Coils. When ordering a new RV for an old unit, you must also order a new coil and vice versa.

"R" Type Remote Condensing Unit Replacement Parts

Model	Repl Comp	Compressor		Run Capacitor		Start Capacitor		Comp. Overload
		Model	Serial	p/n	mfd/volts	p/n	mfd/volts	
R5	293045654	AEA5455EXA	AE220AT-401-A4	4040115	15/400V	330412	21-25/330V	049600
R7	293045650	AEA5465EXA	AE231CT-401-A4	4040115	15/400V	330412	21-25/330V	048800
R10	293045658	AKA5510EXA	AK100AT-004-A4	333360	25/370V	330412	21-25/330V	048900
R12	293045647	AKA5511EXA	AK110AT-004-A4	333360	25/370V	4040543	43-53/330V	049000
R16	293045640	AKA8515EXA	AK147AT-009-A4	331475	35/370V	4040543	43-53/330V	331404
R7C	293045641	AEA5465EXD	AE231FT-401-A4	4040115	15/400V	330412	21-25/330V	331407
R10C	293045648	AKA5510EXD	AK100ET-004-A4	4040115	15/400V	330412	21-25/330V	049200
R12C	293045646	AKA5512EXD	AK111ET-004-A4	4040115	15/400V	4040543	43-53/330V	049300
R16C	293045643	AKA8515EXCD	AK147ET-009-A4	338455	20/370V	4040543	43-53/330V	331405
R7CK	293045671	AKA8494EXC	AK145JT-009-A4	4040115	15/400V	330412	21-25/330V	046500
R10CK	N/A	AKA8513EXC	AK144JT-009-A4	4040115	15/400V	330412	21-25/330V	046600
R12CK	701810301	AKA8515EXCD	AK147JT-009-A4	4040115	15/400V	4040543	43-53/330V	046700
R16CK	293045680	RR14K1-PFJ-225		333360	25/370V	4040543	43-53/330V	N/A

Start Relays: All R5-16 models (115V & 230V) use start relay # 4130150, EXCEPT R16CK (240V/50) which uses #4130250 and R10 (115V/60) which uses #298001165.

Model	Repl Rev Valve	Solenoid Coils	
		115V	230V
R5 R7	A-509B	4071501	4071601
R10 R12	A-509C	4071502	4071602
R16	A-509C	4071502	4071602

Model	Repl Comp	Comp Model	Run Capacitor		Start Capacitor		Start Relay	
			p/n	mfd/volts	p/n	mfd/volts	p/n	model
R20C	701820200	H29B17UABCA	4040130	30/370V	4040193	161-193/250V	4136050	3ARR3T3V3
R24C	293045653	H29B20UABCA	4040130	30/370V	4040075	145-175/250V	4136150	3ARR3T3U3
R30C	293045664	H29B24UABCA	331475	35/370V	4040075	145-175/250V	4136250	3ARR3T3T3
R36C	293045675	H29B30UABCA	4040140	40/370V	4040075	145-175/250V	4130150	3ARR3T3P3
R48C	293045678	ZR42K3-PFV	4040155	55/370V	4040206	88-108/330V	4130150	3ARR3CT3P5
R20CK	3018820*	H29B20UABH	331475	35/370V	4040075	145-175/250V	4130250	3ARR3T10S3
R24CK	tbd	H29B22UABH	331475	35/370V	4040075	145-175/250V	4136350	3ARR3T10U3
R30CK	293045667	H29B28UABH	4040140	40/370V	4040075	145-175/250V	4130450	3ARR3W3L3
R36CK	3018836*	H29B33UABK	4040140	40/370V	4040075	145-175/250V	4130250	3ARR3T10S3
R48CK	3015342*	ZR48K3-PFJ	4040160	60/370V	331733	270-324/330V	4130850	3ARR3CT4D3
R24D(C)	3015119*	H23B203DBDA						
R30D(C)	N/A	H29B24UDBLA						
R36D(C)	293045215	H22J293DBLA						
R48D(C)	701848500	ZR42K3-TF5						
R24E(C)	N/A	H23B203DBE						
R30E(C)	3019030*	H29B2UDBE						
R36E(C)	3019131*	H29B28UDBVA						
R48E(C)	3015242*	ZR42K3-TFD						
R20ECK	N/A	H23B203DBE						
R24ECK	3019124*	H29B22UDBV						
R30ECK	3019131*	H29B28UDBVA						
R36ECK	3019136*	H29B33UDBE						
R48ECK	3015248*	ZR42K3-TFD						

Contactors for 3 Phase Compressors only

115V Coil	4130830	All D & E models with 115V control
230V coil	4130630	All DC & EC models with 230V control

Replacement Rev. Valve Assemblies

R20/24	701820240
R30/36	701830360
R48	701848000

*Raw Compressor Part Number

Replacement Condensers Assemblies

20K	N/A
24K	3062024*
R30	701824301
R36	N/A
R48	701842482

Condenser Seawater Manifolds

R30	720243000	water in
R30	720243001	water out
R36	720303600	in/out (order qty 2)
R48	720424800	in/out (order qty 2)

"RM" Type Remote Modulating Condensing Unit Replacement Parts

Model	Repl Comp	Comp Model	Run Capacitor		Start Capacitor		Start Relay	
			p/n	mfd/volts	p/n	mfd/volts	p/n	model
RM24C	3015026	ZR26K3-PFV-130	4040140	40/370	4040206	88-106 330V	4130150	3ARR3CT3P5
RM30C	3015030	ZR30K3-PFV-130	331475	35/440	4040206	88-106 330V	4130150	3ARR3CT3P5
RM42C	3015042	ZR42K3-PFV-130	4040155	55/370	4040206	88-106 330V	4130150	3ARR3CT3P5
RM24CK	3015330	ZR30K3-PFJ-130	4040145	45/370	4040206	88-106 330V	4130150	3ARR3CT3P5
RM30CK	N/A	ZR36K3-PFJ-130	4040150	50/370	4040206	88-106 330V	4130150	3ARR3CT3P5
RM42CK	3015348	ZR48K3-PFJ-130	4040160	60/370	331733	270-324/330	335355	3ARR3CT4D5
RM24D(C)	3015126	ZR26K3-TF5-130						
RM30D(C)	3015130	ZR30K3-TF5-130						
RM42D(C)	3015142	ZR42K3-TF5-130						
RM24E(C)	N/A	ZR26K3-TFD-130						
RM30E(C)	3015230	ZR30K3-TFD-130						
RM42E(C)	3015242	ZR42K3-TFD-130						
RM24ECK	3015230	ZR30K3-TFD-130						
RM30ECK	3015236	ZR36K3-TFD-130						
RM42ECK	3015248	ZR48K3-TFD-130						

Contactors for 3 Phase Compressors only

115V Coil	4130830	All D & E models with 115V control
230V coil	4130630	All DC & EC models with 230V control

Condenser Seawater Manifolds

RM24	720243000	water in
RM24	720243001	water out
RM30	720303600	in/out (order qty 2)
RM42	720424800	in/out (order qty 2)

Replacement Condensers Assemblies

RM24	701824301
RM30	N/A
RM42	701842482

Old "FM" Type Modulating Condensing Unit Replacement Parts

Model	Repl Comp	Comp Model	Run Capacitor		Start Capacitor		Start Relay	
			p/n	mfd/volts	p/n	mfd/volts	p/n	model
FM24C	3000126	ZR22K3-PFV-130	331475	35UF	4040206	88-106 330V	4130150	3ARR3CT3P5
FM42C	3015036	ZR36K3-PFV-130	4040140	40/370	4040206	88-106 330V	4130150	3ARR3CT3P5
FM24CK	335804	ZR24K3-PFJ-130	4040140	40/370	4040206	88-106 330V	4130150	3ARR3CT3P5
FM42CK	3015342	ZR42K3-PFJ-130	4040155	55UF	4040206	88-106 330V	4130150	3ARR3CT3P5
FM24D(C)	3015119	ZR22K3-TF5-130						
FM42D(C)	334365	ZR36K3-TF5-130						
FM24E(C)	N/A	ZR22K3-TFD-230						
FM42E(C)	3015236	ZR36K3-TFD-130						
FM24ECK	N/A	ZR24K3-TFD-130						
FM42ECK	3015248	ZR49K3-TFD-250						

Old "F" Type Remote Condensing Unit Replacement Parts

Notes:

1. All F5-F16CK models (includes WFAH, FX, FN, J models)) use the same replacement compressors, start components and reversing valves as the "R" type units in the chart on previous page.
2. F20C-48ECK (1ph and 3ph) models have used various compressors throughout the years. For replacement start components, check the existing parts before ordering.

Model	Repl Rev Valve	Solenoid Coils		Cond. Coil
		115V	230V	
F5	A-509B	4071501	4071601	R3600-F5
F7				R3600-F7
F10	A-509C	4071502	4071602	R3600-F10
F12				R3600-F12
F16	A-509C	4071502	4071602	R3600-F16
F20	A-511B	-	4071602	R3600-F20
F24				R3600-F24
F30	A-512B	-	4071602	R3600-F30
F36				R3600-F36
F16	A-510B	-	4071602	R3600-F48

Notes:

1. High pressure switch for WFAH and J units: A-200
2. High pressure switch for F, FX, JX, and FN units: A-205
3. Low pressure switch for F, FX, JX, and FN units: A-201
4. On older models with soldered cap tube pressure switches, use assembly A-516 with a switch above.

Reversing Valve Note: Before ordering a Reversing Valve or coil, see the 'Replacement Reversing Valves' section of this book, and Field Notice #FNR233-I4. For older units you must order a new solenoid coil with the new reversing valve.

RE/REU Remote Evap DX Air Handlers - Replacement Parts

RE/REU Capacity	Voltage	Repl. Coil Assy	Air Filter	Replacement Blower Assemblies		REU Capacitor	Hose Adapter
				RE Units	REU Units		
4,000	115V 230V	N/A	2031503	715212417 715212415	715210503 715210504	4040058 2052801	HA-4
5,000	115V 230V	715210501	2031503	715212416 715210504	715210503 715210504	4040058 2052801	HA-4
7,000	115V 230V	715210701	715211202	715212412 715212407	715212412 715212407	2052701 2052501	335884
8,000	115V 230V	715210801	715211202	715212412 715212407	715212412 715212407	2052701 2052501	335884
10,000	115V 230V	715211001	715211202	715212414 715212410	715212414 715212410	330669 330670	335883
12,000	115V 230V	715211201	715211202	715212413 715212408	715212413 715212408	2052701 2052501	335883
16,000	115V 230V	715211601	715211602	715212409 715212406	715212409 715212406	331027 2052501	335882
20,000 24,000	230V 230V	N/A 715212401	715212402	715212400	715212400	4040058	228701038
30,000 36,000	230V 230V	N/A 715211629	715213602	725210514			HA10-30

SMXII Replacement Parts, Test Tools					
Model (serial number)	Voltage	Repl. P/L Box	Repl. Board	Test Switch	Test CX
RX5 - RX48CK	All	-	722300288	-	-
SXR7 - SX24CK	All	-	722300288	-	-
SXF5 - SXF24CK	All	-	722300288	-	-
FX5-16CK (H00 and earlier)	115/230V	PLPX-HV	A-281C	PTSA	CX5
FX5-16CK (J00 and later)	115/230V	-	722300288	PTSA + A-900	CX5 + 4163805
FX20C-36CK (D00 and earlier)	115/230V	PLPX-HV	A-281C	PTSA	CX5
FX20C-36CK (E00 and later)	115/230V	-	722300288	PTSA + A-900	CX5 + 4163805
FX48RC1-P (E00 and earlier)	230V	N/A	A-281C	PTSA	CX5
FX48RC1-P (F00 and later)	230V	-	722300288	PTSA + A-900	CX5 + 4163805
FX20DC-FX48EC (E00 & earlier)	3 Phase	PLPX-HV	A-281C	PTSA	CX5
FX20DC-FX48EC (F00 & later)	3 Phase	-	722300288	PTSA + A-900	CX5 + 4163805
JX7-16C	115/230V	PLPX-HV	A-281C	PTSA	CX5
SX(R)7-16C (G99 and earlier)	115/230V	PLPX-HV	A-281C	PTSA	CX5
SX7-16C w/COMBO (G99 & earlier)	115/230V	CPLPX-HV	A-281C	PTSAX	CX5
SX24C (G99 & earlier)	230V	N/A	A-281C	PTSA	CX5
SX7-24C (H99 and later)	115/230V	N/A	722300288	PTSA + A-900	CX5 + 4163805
SXR7-16C (G02 and later)	115/230V	-	722300288	PTSA + A-900	CX5 + 4163805
SXR10-16C (H99 to F02)	115/230V	N/A	722300288	PTSA + A-900	CX5 + 4163805
SXR7-7C (H99 to F02)	115/230V	N/A	722300288	PTSA + A-900	CX5 + 4163805
SXR7CK (H99 to F02)	115/230V	N/A	722300288	PTSA + A-900	CX5 + 4163805
PLP, PLPC, PLPX, PLPLC, A-285	115/230V	-	A-281C	-	-
A-284, A-279	115/230V	-	722300288	-	-
PLPX-HV, PLSX, PLRX (7-7CK)	115/230V	-	722300288	-	-
PLHMX (Modulating) (L00 & earlier)	115/230V	-	A-281T	-	-
PLHMX-HV (Modulate) (M00 & later)	115/230V	-	722300288	-	-

Note: PLPX-HV will replace all PLP, PLPC, PLPX boxes

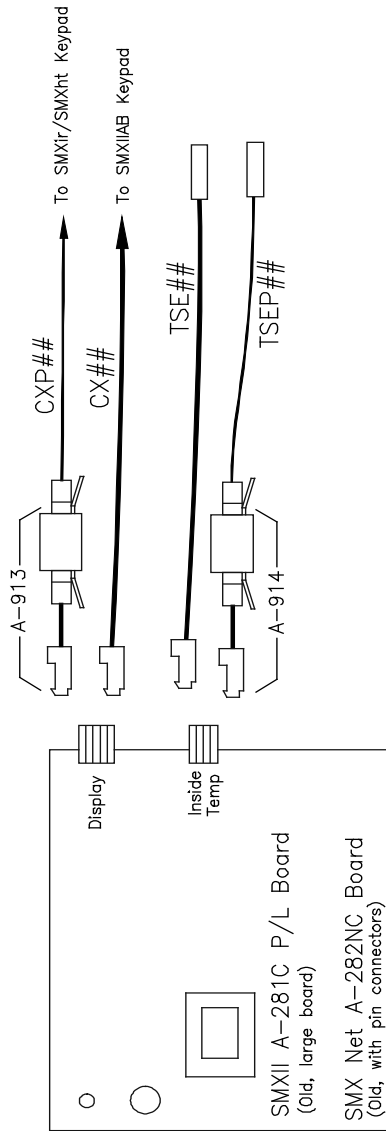
SMX Net Replacement Parts			
Model	Voltage	Repl. P/L Box	Repl. Board
SNR7-24CK	115/230V	-	A-282NC
RN5-48C	115/230V	-	A-282NC
SN7-24CL	115/230V	NPLPX	A-282NC
FL & FN5-48C, JN7-16CK	115/230V	NPLPX	A-282NC
FN48RC-P	230V	N/A	A-282NC
NPLP, NPLPC, NPLPX	115/230V	-	A-282NC
NPLRX-(TYPE)	115/230V	-	A-282NC
LPLP, LPLPC	115/230V	-	A-282NC

Coach - Air Cooled SMX Parts					
Model	Voltage	SMXII Kit	Repl. Board	SMX Net Kit	Repl. Board
ACA (before 1989)	115/230V	PLMX-HV or PLMX-NWHV	A-288MH	N/A	A-282LM
ACA (after 1989)	115/230V			N/A	A-282LM
ACH & ACAH	115/230V			LPLMX or LPLMX25, -NW	A-282LMH
PLMX-HV Series	115/230V		A-288MH		
PLMX Series	115/230V		A-281MH		
LPLMX, -25, -NW	115/230V				A-282LMH
LPLMAX	115/230V				A-282LM

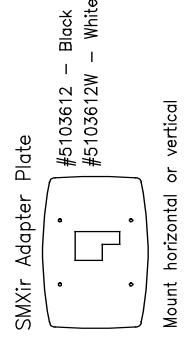
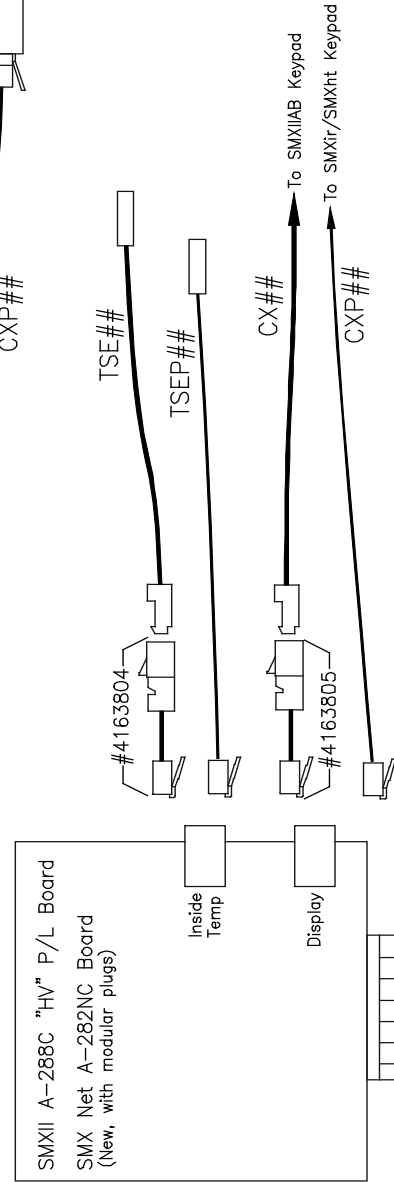
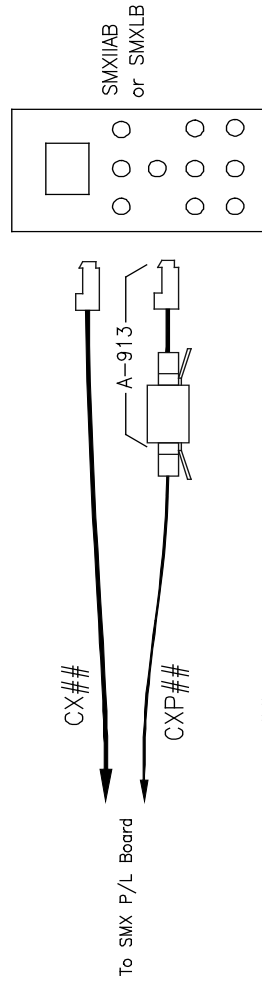
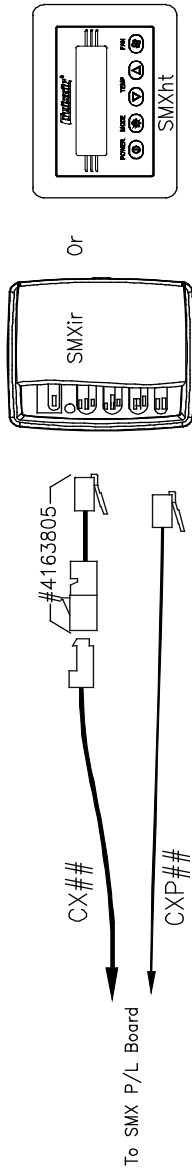
SMX Upgrade Kits		
Model (serial number)	Voltage	SMXII Kit
SH(R)7-16CK	115/230V	PLPX-HV
SH(F)5-16CK	115/230V	PLPX-HV
SH24C	230V	N/A
R20C-48C	115/230V	
R20DC-48ECK	3 Phase	
F20C-72CK	230V	A-279
F20DC-72ECK	3 Phase	705600008
WFAH5-48ECK, J5-16CK	All	705600008
SX(R)7-16C (G99 & earlier)	115/230V	
SX24C (G99 & earlier)	230V	
SXR10-16C (H99 to F02)	115/230V	
SX7-24C (H99 & later)	115/230V	
FX5-48C (D00 & earlier)	115/230V	
JX7-16C	115/230V	
FX5-36C (J00 & later)	115/230V	
FX48RC1-P	230V	
FX20DC-48EC (E00 & earlier)	3 Phase	
FX20DC-48EC (F00 & later)	3 Phase	

Notes:

1. Use CX cable if using SMXIAB.
2. Use CXP cable if using SMXir or SMXht.
3. CX and CXP cables are shielded to prevent interference.
4. CX cables include adapter #4163805.
5. Adapter #4106409 can be used to join two CXP or CNP cables to increase length, up to 100 ft (30m).
6. "##" indicates length in feet



Models	Date (Serial #) of change to "HV" Board
SX(R)7-16CK	Aug. 1999 (H99)
FX5-16CK	Sept. 2000 (J00)
FX20-36CK	May 2000 (E00)



CUSTOM PLENUM REQUEST



Date:	Requester:	Customer Order No.:	<input type="checkbox"/> VA <input type="checkbox"/> FL <input type="checkbox"/> Quote Only
Customer:			NPR#
Date NPR Information Needed:	Time NPR Information Needed:		
1 st Ship Date:	Quantity:	Forecast: Per Month	Per Year
NPR Level: A	Target List: \$	Replacing / Obsolete:	

PRODUCT DEFINITION:

Item Number:		Lead Time: days		Prod Code:		Estimated Prime: \$	
List Prices:	21) \$	22) \$	23) \$	24) \$	25) \$	26) \$	27) \$

Description:
Extra Description:

Revision A:
Revision B:
Revision C:

Date:
Date:
Date:

Specify blower size for blower plenums or dimensions for grille plenums, and ring sizes for each side of box.

BLOWER PLENUM

BLOWER SIZE _____

E-TOP _____

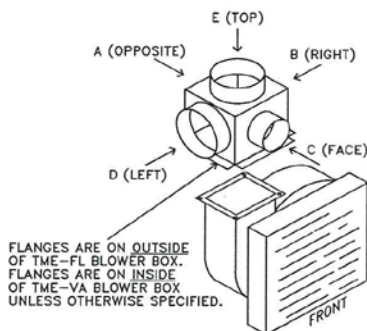
D-LEFT _____

B-RIGHT _____

C-FACE _____

A-OPPOSITE _____

- ☐ Check if blower is to be rotated.
☐ Check if HV blower.



GRILLE PLENUM

WIDTH _____

HEIGHT _____

DEPTH _____

C-TOP _____

A-BOTTOM _____

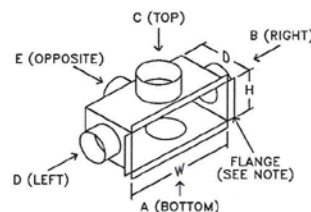
E-OPPOSITE _____

D-LEFT _____

B-RIGHT _____

FLANGE - See notes below.

- ☐ To Accommodate Alum Grille - ☐ VH ☐ VML
☐ To Accommodate Wood Grille - ☐ VH ☐ VML



BOX PLENUM

F- INLET/PLATE _____

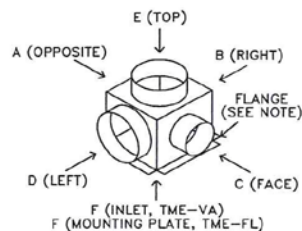
E-TOP _____

D-LEFT _____

B-RIGHT _____

C-FACE _____

A-OPPOSITE _____



SKETCH PLENUM HERE (SEE NOTES)

NOTES:
1) SHOW DIVERTER PLACEMENT AND DIVISION OF AIR FLOW, RING SIZE AND LOCATION, AND ANY OTHER UNIQUE CHARACTERISTICS.
2) STANDARD BOX DEPTH IS 4.50" FOR VACUUM FORMED PLASTIC (TME-FL ONLY). OTHERWISE, BOX DEPTH IS 1/4" DEEPER THAN RING SIZE ON SIDE OF PLENUM.
3) FLANGES ARE STANDARD ON TME-FL PLENUMS, BUT OPTIONAL ON TME-VA'S. SPECIFY TME-VA FLANGES BY CIRCLED CHOICE BELOW:
WIDTH - HEIGHT - BOTH

FLANGE (SEE NOTE)

WIDTH

HEIGHT

FLANGE (SEE NOTE)

DEPTH

THIS VIEW IS LOOKING AT SIDE, FROM OUTSIDE OF BOX (CIRCLE ONE)

A B C D

THIS VIEW IS LOOKING AT SIDE, FROM OUTSIDE OF BOX (CIRCLE ONE)

A B C D

FO-730-007 Revision: G

TEMPERED WATER SECTION

MTD Modular Tempering Units (R410A)

<u>Item No.</u>	<u>List Price USD</u>	<u>Description</u>
260151001	\$7,940.00	MTD24C, 230V, 60Hz, Single Phase
260151002	\$7,940.00	MTD24CK, 220V, 50Hz, Single Phase
260151003	\$8,040.00	MTD24DC, 230V, 60Hz, Three Phase
260151005	\$8,890.00	MTD30C, 230V, 60Hz, Single Phase
260151007	\$8,890.00	MTD30CK, 220V, 50Hz, Single Phase
260151008	\$8,990.00	MTD30DC, 230V, 60Hz, Three Phase
260151009	\$8,990.00	MTD30EC, 460V, 60Hz, Three Phase
260151010	\$9,130.00	MTD36C, 230V, 60Hz, Single Phase
260151011	\$9,230.00	MTD36CK, 220V, 50Hz, Single Phase
260151014	\$9,830.00	MTD48C, 230V, 60Hz, Single Phase
260151015	\$9,830.00	MTD48CK, 220V, 50Hz, Single Phase
260151016	\$9,930.00	MTD48DC, 230V, 60Hz, Three Phase
260151018	\$9,930.00	MTD48EC, 460V, 60Hz, Three Phase
260151017	\$10,030.00	MTD48ECK, 380V, 50Hz, Three Phase
260151019	\$10,770.00	MTD60C, 230V, 60Hz, Single Phase
260151021	\$10,770.00	MTD60DC, 230V, 60Hz, Three Phase
260151023	\$10,870.00	MTD60EC, 460V, 60Hz, Three Phase
260151022	\$10,970.00	MTD60ECK, 380V, 50Hz, Three Phase
260151025	\$11,920.00	MTD72DC, 230V, 60Hz, Three Phase
260151027	\$11,920.00	MTD72EC, 460V, 60Hz, Three Phase
260151028	\$16,380.00	MTD96DC, 230V, 60Hz, Three Phase
260151030	\$16,780.00	MTD96EC, 460V, 60Hz, Three Phase
260151029	\$17,380.00	MTD96ECK, 380V, 50Hz, Three Phase
260151031	\$17,520.00	MTD120DC, 230V, 60Hz, Three Phase
260151032	\$18,220.00	MTD120ECK, 380V, 50hz, Three Phase

NOTES:

1) Compressor electrical data are nominally rated at the Volt/Hz/Ph listed, and can be operated in the following ranges: 230/60/1 compressors are rated for 208 - 230/60/1; 220/50/1 comps for 220 - 240/50/1; 230/60/3 comps for 208 - 230/60/3; 220/50/3 comps for 200 - 220/50/3; 380/50/3 comps for 380 - 420/50/3; and 460/60/3 comps for 440 - 480/60/3 and 380 - 420/50/3. These compressors can usually be run at +/-10% of the rated voltage, with these exceptions: 208-230/60/1 -5/+10% for a range of 198-253; and 220-240/50/1 -5/+10% for a range of 209-264.

For more information regarding compressor voltages, refer to field notice FNR#192-B3-C on the Dometic Customer News Website.

2) Dual 50/60Hz Operation: If there is a need for a system to be able to run in both 50Hz and 60Hz environments, the best solution is to use a VFD. Make sure the pumps are rated 50/60Hz, but sized to provide enough flow at 50Hz.

MTD Tempering Unit Bases, Frames, and Headers

MTD Multi-Unit Mounting Bases and Frames

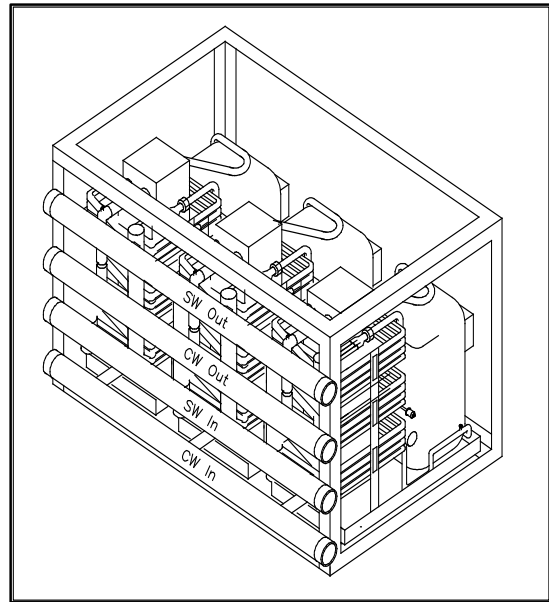
2-ton through 6-ton Units			8-ton and 10-ton Units		
# of Stages	Base	Frame	# of Stages	Base	Frame
2	\$1,455.00	\$2,990.00	2	\$1,670.00	\$3,070.00
3	\$1,800.00	\$3,420.00	3	\$1,965.00	\$3,410.00
4	\$1,985.00	\$3,755.00	4	\$2,260.00	\$3,985.00
5	\$2,320.00	\$4,225.00	5	\$3,015.00	\$5,085.00
6	\$2,980.00	\$4,870.00	6	\$3,520.00	\$5,935.00

Multi-Unit Chilled Water and Seawater Manifolds

Chiller Tons	Manifold Size	# of Stages	Manifold Set
4 - 12	1.5"	2	\$3,910.00
4 - 12	1.5"	3	\$5,385.00
4 - 12	1.5"	4	\$6,910.00
12 - 18	2.0"	6	\$1,010.00
13 - 25	2.0"	2	\$4,530.00
13 - 25	2.0"	3	\$5,925.00
13 - 25	2.0"	4	\$6,925.00
13 - 25	2.0"	5	\$8,840.00
24 - 30	2.5"	6	\$12,825.00
26 - 36	2.5"	3	\$8,590.00
26 - 36	2.5"	4	\$10,525.00
26 - 36	2.5"	5	\$11,650.00
36	3.0"	6	\$13,115.00
37 - 60	3.0"	4	\$12,370.00
37 - 60	3.0"	5	\$15,475.00
48	3.0"	6	\$16,275.00
60	4.0"	6	\$18,165.00

Notes:

- The manifold set includes:
 - Inlet and outlet CW manifolds, insulated copper
 - Inlet and outlet SW manifolds, CPVC
 - FPT connections at both ends of manifolds
- Manifolds are part of a multi-stage chiller systems and are not sold separately.
- Call for pricing on vertical frames and manifolds.



A typical framed chiller with headers.

TWC Chillers

Includes DDC or TWLC control panel. Switch or keypad/display and cables sold separately.

Item No.	List Price USD	Description
260110302	\$5,400.00	TWC24C-TWLC 230/60/1
260110310	\$5,250.00	TWC24C-DDC 230/60/1
260110313	\$5,400.00	TWC24CK-TWLC 220/50/1
260111300	\$5,250.00	TWC24CK-DDC 220/50/1
260110316	\$5,800.00	TWC24DC-TWLC 230/60/3
260110307	\$5,700.00	TWC30C-TWLC 230/60/1
260110304	\$5,550.00	TWC30C-DDC 230/60/1
260110321	\$5,850.00	TWC30CK-TWLC 220/50/1
260111308	\$5,700.00	TWC30CK-DDC 220/50/1
260110315	\$6,000.00	TWC30DC-TWLC 230/60/3
260111303	\$6,150.00	TWC36C-TWLC 230/60/1
260111312	\$6,000.00	TWC36C-DDC 230/60/1
260111306	\$6,150.00	TWC36CK-TWLC 220/50/1
260111305	\$6,000.00	TWC36CK-DDC 220/50/1
260110321	\$5,850.00	TWC36DC-TWLC 230/60/3
260111314	\$6,250.00	TWC36DC-DDC 230/60/3
260111311	\$6,500.00	TWC36ECK-TWLC 380/50/3
260111309	\$6,350.00	TWC36ECK-DDC 380/50/3
260111328	\$7,800.00	TWC48C-TWLC 230/60/1
260111335	\$7,650.00	TWC48C-DDC 230/60/1
260111330	\$7,800.00	TWC48CK-TWLC 220/50/1
260111331	\$7,850.00	TWC48DC-TWLC 230/60/3
260111323	\$7,950.00	TWC48ECK-DDC 380/50/3
260111325	\$8,250.00	TWC60C-TWLC 230/60/1
260111329	\$8,400.00	TWC60DC-TWLC 230/60/3
260111332	\$8,600.00	TWC60ECK-DDC 380/50/3
260111320	\$9,000.00	TWC72C-TWLC , 230/60/1
260111322	\$9,400.00	TWC72ECK-DDC, 380/50/3

Note:

For additional voltages please contact your Cruisair Applications Representative

TWC Chillers with SmartStart™

Item No.	List Price USD	Description
260111343	\$8,100.00	TWC48C-DDC, with SmartStart™, 230/60/1
260111319	\$8,250.00	TWC48CK-TWLC, with SmartStart™, 220/50/1
260111318	\$8,100.00	TWC48CK-DDC, with SmartStart™, 220/50/1
260111336	\$9,200.00	TWC60C-TWLC, with SmartStart™, 230/60/1

Notes:

1. Only TWC24-36 chillers come with a remote mountable control box. TWC48-72 chillers with a remote mountable control box are available (add \$800 list).
2. TWC Chillers have R-410A refrigerant as standard.
3. Pump relays (x2) will be needed if multiple chillers are used.
4. Following parts must be ordered:
 - TWLC keypad/display (one or more)
 - CNP Cables; one per unit, plus one for TWLC keypad
 - A-416/## temp sensor for CW supply
 - Probe well for temp sensor if using plastic pipe.

TWC Multi-Unit Bases and Manifolds

Chiller Tons	TWC Size	Manifold Size	# of Stages	Manifold Set
4 - 6	TWC24-36	1.25"	2	\$2,330.00
4 - 6	TWC24-30	1.25"	3	\$2,960.00
7 - 9	TWC30-36	1.5"	3	\$3,515.00
7 - 9	TWC24-30	1.5"	4	\$4,070.00
10 - 12	TWC36	2"	4	\$4,800.00
10 - 15	TWC24-36	2"	5	\$5,750.00

8 - 10	TWC48-60	1.5"	2	\$2,710.00
12	TWC72	2"	2	\$3,100.00
12 - 18	TWC48-72	2"	3	\$4,210.00
16	TWC48	2"	4	\$5,050.00
20 - 24	TWC60-72	2.5"	4	\$7,735.00
20 - 30	TWC48-72	2.5"	5	\$8,085.00
24 - 30	TWC48-60	2.5"	6	\$9,175.00
36	TWC72	3"	6	\$12,595.00

# of Stages	Base
2	\$1,450.00
3	\$1,735.00
3	\$1,735.00
4	\$2,095.00
4	\$2,095.00
5	\$2,380.00
6	\$2,645.00

Notes:

1. Manifolds are part of a multi-stage chiller system and are not sold separately
2. Call for pricing on vertical frames and manifolds
3. The manifold set includes:
 - Inlet and outlet CW manifolds, insul. copper
 - Inlet and outlet SW manifolds CPVC
 - FPT connections at both ends of manifolds.

DDC Switch Assemblies

<u>Item No.</u>	<u>List Price USD</u>	<u>Description</u>
263600104	\$180.00	1-Stage DDC Remote Switch, 25ft harness
263600107	\$345.00	2-Stage DDC Remote Switch, 25ft harness
263600108	\$395.00	3-Stage DDC Remote Switch, 25ft harness
263600114	\$405.00	4-Stage DDC Remote Switch, 25ft harness

TWLC Chiller Control System

Multi-Unit MPE Control Panels

# of Stages	230V 1ph	208-230V 3ph	380-460V 3ph
2	\$ 9,200.00	\$ 9,805.00	\$ 9,075.00
3	\$ 11,010.00	\$ 12,305.00	\$ 11,385.00
4	\$ 13,165.00	\$ 14,020.00	\$ 13,020.00
5	\$ 14,860.00	\$ 15,720.00	\$ 15,440.00
6	\$ 16,520.00	\$ 18,015.00	\$ 16,740.00

Notes:

- Prices shown include circuit breakers and relays for compressors, and CW and SW pumps.
- 380-460V panels include a transformer for control power.
- Part number will be issued after order.

Multi-Unit Panel Modifications

Spare pump selector switch, 1-Phase (with contactor): \$475 each
 Spare pump selector switch, 3-Phase (with relay & overload): \$785 each
 Extend harness (10' std): \$250 per stage (up to 30')
 Additional Breakers: 1 phase \$173 each; 3 phase \$250 each
 Additional Contactors: 1 phase \$97 each; 3 phase (w/overload) \$320 each
 Dual power input (split-bus): \$245
 Dual doors (wide panels): \$650
 Mount panel on chiller frame: add \$345
 Ethernet converter box to connect to ship monitoring system: \$5290
 Color Touch-Screen and ethernet connection: \$5735

Multi-Unit Panel Upgrade Packages

# of Stgs	Level 1	Level 2
2	\$1,635.00	\$5,625.00
3	\$2,125.00	\$7,310.00
4	\$2,610.00	\$8,995.00
5	\$3,100.00	\$10,675.00
6	\$3,585.00	\$12,360.00

Level 1 Package Includes:

Compressor & Pump Current Transducers, SW Temp Sensors,
and Modem/Computer Adapters & Software

Level 2 Package Includes:

Items in level 1 Package plus: Refrigerant Press. Transducers,
and Loop & Seawater Pressure Transducers

Single-Unit MPE Modular Control Panels

263200002 \$1,780.00 MPE-XC For all MTC Units, 208-480V, 1 & 3 Ph, 115/230V Control
 263200001 \$1,780.00 MPE-VXC As Above, for use with VFD's

In addition to the MPE single-unit panel (one per chiller), the system will require; a TWLC display, CNP Network Cables (one per panel), 2x pump relays (for circulation and seawater pumps), and a A-416/## temp sensor to monitor the common CW supply temperature. If using plastic pipe for the circ water, a probe well (A-418) will be needed.

MPE Accessories/Multi-Panel Modifications

335504	\$410.00	TWLC LCD Keypad/Display, Cruisair
4250003	\$195.00	Current Transducer, Compressor
4250004	\$185.00	Current Transducer, Pump
PSPM	**	Serial Port 25 Pin to RJ12, for modem
PSPC	**	Serial Port 9 Pin to RJ12, for computer
297000049	\$160.00	Temperature Sensor Well, 1" MPT Plug, Copper
297705202	\$245.00	Temperature Sensor Well, 1" MPT Plug, CuNi
CNP5	\$47.00	Network Cable w/RJ12, 5 Ft
CNP10	\$47.00	Network Cable w/RJ12, 10 Ft
CNP15	\$110.00	Network Cable w/RJ12, 15 Ft
CNP20	\$70.00	Network Cable w/RJ12, 20 Ft

**If interested in these items, please contact your Cruisair Applications representative.

TWLC Parts Descriptions

TWLC	Keypad/display for MPE panels. One TWLC is required for a MPE system, but multiple TWLC's can be installed (up to the number of stages) for remote operation. Multi-unit MPE panels come with a TWLC installed on the panel. Single-unit MPE panels DO NOT come with a TWLC, and one must be purchased separately. It can be installed in the MPE door or remotely.
CNP Cables	CNP Network cables are used to connect various parts of the TWLC system. - A CNP is needed for each single-unit MPE panel that is to be connected in a network. - A CNP is needed for each remote TWLC keypad/display. - A CNP is needed to connect the TWLC system to a computer or modem (with the proper adapter).
Current Transducer	Used to monitor the amperage (for display only) of a compressor or pump. Can be installed in single-unit MPE panels in the field, or ordered in the upgrade package for multi-unit panels.
Pressure Transducer	Monitors the refrigerant pressure or water pressure for display and fault sensing. Can be added in the field, or is included in the the multi-unit panel upgrade package.

Gateway

Chiller Gateway Models (Without Display Touchscreen)

<u>Item No.</u>	<u>List Price USD</u>	<u>Description</u>
763300028	\$5,750.00	Gateway for Chiller with Enclosure - up to 4 Chillers
763300035	**	Gateway for Chiller with Enclosure NEMA4X Water Tight - up to 3 Chillers
763300061	\$4,150.00	Gateway for Chiller with Enclosure - up to 2 Chillers
763300060	\$10,050.00	Gateway for Chiller Box w/VFD- monitors 3 Chillers & 3 VFDs
763300024	**	Gateway for Chiller w/o Enclosure - up to 5 Chillers
763300044	**	Gateway for Chiller w/o Enclosure - up to 2 Chillers

Chiller Gateway Models (With Display Touchscreen)

763300026	**	Gateway for Chiller with Display Touchscreen - up to 5 Chillers
763300045	**	Gateway for Chiller with Display Touchscreen - up to 2 Chillers

Q-Logic TW Air Handler Gateway Models (Without Touchscreen)

763300037	**	Gateway for Q-Logic TW Air Handlers with NEMA4X Gray Fiberglass Box
763300040	**	Gateway for Q-Logic TW Air Handlers with Enclosure
763300042	**	Gateway for Q-Logic TW Air Handlers with White Enclosure NEMA2
763300051	**	Gateway for 2 Chillers and Q-Logic TW Air Handlers w/o Touchscreen

Q-Logic TW Air Handler Gateway Model (With Touchscreen)

763300043	**	Gateway for Q-Logic TW Air Handlers with Display Touchscreen
763300049	**	Gateway for 2 Chillers and Q-Logic TW Air Handlers w/Display Touchscreen
763300050	**	Gateway for 6 Chillers and Q-Logic TW Air Handlers w/Display Touchscreen**

*****Notes:***

1. Additional hardware is needed to monitor Chiller #6 and Q-Logic Air Handlers
2. Please order 763300030 for chiller # 6 and 763300040 for Q-Logic Air Handlers

Modular Controller

763300036	**	Modular Controller - montiors boat temperatures & works with Chiller Gateway
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Replacement Parts

4250032	\$875.00	Ethernet Switch 8 Ports
4250018	\$620.00	Communication Expansion Card RS233/485 for Chiller Gateway w/o Touchscreen
4250008	\$520.00	Communication Expansion Card RS233/485 for Chiller Gateway w/Touchscreen
4250049	\$885.00	CANbus Communication Card for Q-Logic Gateway w/o Touchscreen
4250039	\$1,830.00	Analog Input Modulte RTD Red Lion
4250038	\$140.00	Temperature Sensor RTD 100ohm 5ft
763300027	**	Converter RS485 to RS232 for Gateway unit that monitors chiller 4 or 5

Replacement Parts for VFD Monitoring

763300056	**	Modbus to Ethernet Gateway for VFD
4250024	\$1,170.00	Mserial Modbus Splitter Box/Hub for VFDx
4250028	\$35.00	Terminator Modbus RC for Modubs Splitter Block 4250025

**If interested in these items, please contact your Cruisair Applications representative.

Communication Cables & Accessories

Item No.	List Price USD	Description
4250013	\$150.00	Cable Serial 3ft for Chiller 1, 2, 3, or 6
4250014	\$75.00	Cable Serial 6ft for Chiller 1, 2, 3, or 6
4250015	\$80.00	Cable Serial 10ft for Chiller 1, 2, 3, or 6
4250016	\$170.00	Cable RS485 Serial 3ft for Chiller 4 or 5
4250017	\$220.00	Cable RS485 Serial 6ft for Chiller 4 or 5
4250033	\$16.00	Ethernet Cable 3 ft
4250031	\$32.00	Ethernet Cable 7ft
4250026	\$65.00	Cable RS485 Serial 15ft for Monitoring VFD
4250027	\$70.00	Cable RS485 Serial 25ft for Monitoring VFD
4250025	\$200.00	Cable Modbus Splitter Box to Ethernet Gateway for Monitoring VFD
4250012	\$360.00	Power Supply 24VDC 30 Watt

Variable Frequency Drives

Nominal HP	Comp Voltage In/Out	Max AMP Rating		VFD 312	
		3-Ph In	1-Ph In	Ref. No.	List Price
5HP	208-230V	17.5	10.1	4251104	\$1,850.00
7.5HP	208-230V	27.5	15.9	4251105	\$2,400.00
10HP	208-230V	33.0	19.1	4251106	\$2,850.00
15HP	208-230V	54.0	31.2	4251110	\$4,250.00
20HP	208-230V	66.0	38.1	4251111	\$5,300.00
5HP	380-460V	9.5	-	4251108	\$2,300.00
7.5HP	380-460V	14.3	-	4251112	\$3,050.00
10HP	380-460V	17.0	-	4251202	\$3,450.00
15HP	380-460V	27.7	-	4251109	\$4,600.00
20HP	380-460V	33.0	-	4251201	\$5,650.00

Variable Frequency Drives - Lower Harmonic Distortion

Nominal HP	Comp Voltage	Max AMP Rating	VFD 21	
			Ref. No.	List Price
5HP	208-230V	16.7	4250400	\$1,900.00
7.5HP	208-230V	24.2	4250401	\$2,450.00
10HP	208-230V	32.0	4250402	\$2,900.00
15HP	208-230V	46.2	4250403	\$4,300.00
20HP	208-230V	61.0	4250404	\$5,350.00
5HP	380-460V	9.1	4250410	\$2,350.00
7.5HP	380-460V	12.0	4250411	\$3,100.00
10HP	380-460V	16.0	4250412	\$3,500.00
15HP	380-460V	22.5	4250413	\$4,650.00
20HP	380-460V	30.5	4250414	**

Note:

1. Altivar 21s cannot support single phase input power.
2. Higher amperage rating ATV21 drives are available upon request.

**If interested in these items, please contact your Cruisair Sales/Applications Representative

Bypassable Variable Frequency Drives

Nominal HP	Max AMP	Comp.	Reference #	List Price
5HP	17.5A	230V	4250500	\$7,000.00
7.5HP	25A	230V	4250501	\$8,000.00
10HP	31A	230V	4250502	\$9,700.00
15HP	48A	230V	4250503	\$11,000.00
20HP	61A	230V	4250504	\$13,000.00
25HP	75A	230V	4250505	\$15,500.00
5HP	9A	460V	5250510	\$7,000.00
7.5HP	12A	460V	5250511	\$8,000.00
10HP	16A	460V	5250512	\$9,700.00
15HP	23A	460V	5250513	\$11,000.00
20HP	31A	460V	5250514	\$13,000.00
25HP	38A	460V	5250515	\$15,500.00

Optional:

- 4250520 ** Expansion Card, OPT-B5, add 1 for VFD to support 2 or 3 compressors; add 2 for VFD to support 4 compressors.

RFI Filters

Nominal HP	Comp Voltage	Max AMP Rating		RFI Filters (class B EMC)	
		3-Ph In	1-Ph In	Item No.	List Price
5HP	208-230V	17.5	10.1	763300002	\$660.00
7.5HP	208-230V	27.5	15.9	763300003	\$660.00
10HP	208-230V	33.0	19.1	763300003	\$660.00
15HP	208-230V	54.0	31.2	763300004	\$1,000.00
20HP	208-230V	66.0	38.1	763300004	\$1,000.00
5HP	380-460V	9.5	-	763300002	\$660.00
7.5HP	380-460V	14.3	-	763300003	\$660.00
10HP	380-460V	17.0	-	763300003	\$660.00
15HP	380-460V	27.7	-	763300005	\$825.00
20HP	380-460V	33.0	-	763300005	\$825.00

Note: RFI Filters are Compatible with either the Altivar 31s or the Altivar 21s.

AC Line Reactors

<u>Item No.</u>	<u>List Price USD</u>	<u>Description</u>
4250301	\$840.00	Reactor, AC Line 230V, 10HP
4250303	\$945.00	Reactor, AC Line 230V, 15HP
4250304	\$1,395.00	Reactor, AC Line 230V, 25HP
4250302	\$945.00	Reactor, AC Line 460V, 15HP

How to choose the correct Frequency Drive

- 1) Compressor must be 3 phase.
- 2) Multiply the chiller's reverse cycle amps by 1.1 (10% safety factor).
- 3) Choose freq drive from the Comp Voltage and Max AMP Rating columns depending on compressor voltage and the phase of the input power supply, respectively.
- 4) When buying a drive separately from a chiller system (i.e., a replacement), the customer must specify the input power supply voltage & phase and compressor voltage & frequency.

Notes:

1. 230VAC VFDs are programmed for 60Hz output so that full capacity is realized even with 50Hz input power.
2. 380/50/3 VFDs have 50Hz output, so use MTC "ECK" units.
3. The Square D/Telemecanique Altivar 312 VFDs incorporate a Class A EMC filter into their design. This helps prevent high frequency noise and harmonic distortions from affecting the AC power supply.
4. If the application or power system requires lower noise/distortion, then the Class B EMC filters can be added.

Single Phase Soft Start Devices

4220040	\$470.00	SmartStart™, 115V, 60Hz, 6K-18K
4220043	\$470.00	SmartStart™, 208-240V/50-60Hz, 12K-30K
4220044	\$470.00	SmartStart™, 208-240V/50-60Hz, 36K-60K
4220045	\$10.00	SmartStart™ Mounting Tray

Pump Relays

724200015	\$300.00	PR3X-2C, Pump Relay, 115/230V, with two 230V Triggers
724200016	\$325.00	PR3X-3C, Pump Relay, 115/230V, with three 230V Triggers
724200020	\$390.00	PR8X-4C, Pump Relay, 115/230V, with four 230V Triggers
724200021	\$415.00	PR8X-5C, Pump Relay, 115/230V, with five 230V Triggers
TR230	\$55.00	Relay Trigger, 230V

* 3-Phase pump relays are custom because pump motor size must be specified for relay overload.

Circulated Water Pump Packages

With diaphragm-style expansion tanks!

260110515	\$2,100.00	Pump Pkg PMA1000, tank, 115/60/1
260110516	\$2,135.00	Pump Pkg PMA1000C, tank, 230/50-60/1
260110517	\$2,185.00	Pump Pkg PMA1000CK, tank 240/50/1
260110518	\$2,725.00	Pump Pkg P120, tank, 115/60/1
260110519	\$2,725.00	Pump Pkg P120Z, tank, 230/50-60/1
260110512	\$2,780.00	Pump Pkg P700Z, tank, 230/50-60/1
260110514	\$3,140.00	Pump Pkg P710Z, tank, 230/50-60/1

PUMPS, SEAWATER AND CIRCULATION

PUMPS, TW		Impeller		Sea Water		Circulation Pump	In X Out	Weight	List Price
Part Number	Model	Volt/Hz/Ph	Diameter	Amp	Capacity	Capacity	(NPT)	(lbs/kg)	
225500001	P100	115/60/1	2.5"	5.5	1500 gph @ 10'	N/A	1.25 X 1	25/11	\$1,170.00
225500072	P100Z	230/50-60/1	2.5"	2.8	1500 gph @ 10'	N/A	1.25 X 1	25/11	\$1,170.00
225500071	P110	230/50-60/3	2.75"	2.8	1500 gph @ 10'	N/A	1.25 X 1	30/14	\$1,480.00
225500101	P120	115/60/1	3"	5.5	1800 gph @ 15'	N/A	1.25 X 1	25/11	\$1,205.00
225500102	P120Z	230/50-60/1	3"	2.8	1800 gph @ 15'	N/A	1.25 X 1	25/11	\$1,205.00
225500090	P700	115/60/1	3.5"	5.5	2200 gph @ 15'	80,000 btu/hr	1.25 X 1	26/12	\$1,185.00
225500066	P700Z	230/50-60/1	3.5"	2.8	2200 gph @ 15'	80,000 btu/hr	1.25 X 1	26/12	\$1,185.00
225500062	P700	230/50-60/3	3.5"	2.8	2500 gph @ 20'	96,000 btu/hr	1.25 X 1	30/14	\$1,545.00
225500012	P700	460/50-60/3	3.5"	1.4	2500 gph @ 20'	96,000 btu/hr	1.25 X 1	30/14	\$1,545.00
225500011	P700	380/50/3	3.75"	1.7	2500 gph @ 10'	N/A	1.25 X 1	30/14	\$1,480.00
225500010	P710	115/60/1	3.5"	9.8	3000 gph @ 25'	N/A	1.5 X 1.5	34/15	\$1,565.00
225500059	P710	230/50-60/1	3.5"	4.9	3000 gph @ 25'	N/A	1.5 X 1.5	34/15	\$1,565.00
225500033	P710	220/50/1	4"	7.2	3000 gph @ 25'	N/A	1.5 X 1.5	34/15	\$1,630.00
225500082	P710	230/60/3	3.5"	2.2	3000 gph @ 25'	80,000 btu/hr	1.5 X 1.5	34/15	\$1,565.00
225500028	P710	460/50-60/3	3.5"	1.1	3000 gph @ 25'	80,000 btu/hr	1.5 X 1.5	34/15	\$1,565.00
225500031	P710	220/50/3	4"	3.3	2500 gph @ 30'	N/A	1.5 X 1.5	34/15	\$1,630.00
225500032	P710	380/50/3	4"	1.9	2500 gph @ 30'	N/A	1.5 X 1.5	34/15	\$1,630.00
225500291	CPOD120BX	115-230/60/1	3.75"	11.2/5.6	N/A	120,000 btu/hr	1.5 X 1.5	41/18.6	\$1,720.00
225500292	CPOD120B3X	230-460/60/3	3.75"	2.8/1.4	N/A	120,000 btu/hr	1.5 X 1.5	41/18.6	\$1,720.00
225500009	P711	115/50-60/1	4"	16.0	4000 gph @ 30'	180,000 btu/hr	1.5 X 1.5	37/17	\$1,675.00
225369928	P711	230/50-60/1	4"	8.0	4000 gph @ 30'	180,000 btu/hr	1.5 X 1.5	37/17	\$1,675.00
225500083	P711	230/60/3	4"	4.2	4000 gph @ 30'	180,000 btu/hr	1.5 X 1.5	37/17	\$1,750.00
225500029	P711	460/50-60/3	4"	2.1	4000 gph @ 30'	180,000 btu/hr	1.5 X 1.5	37/17	\$1,750.00
225500121	P711Z	230/60/1	4.25"	10.0	4800 gph @ 30'	280,000 btu/hr	1.5 X 1.5	49/22	\$2,060.00
225500178	P711Z	220/50/1	4.5"	10.5	3900 gph @ 30'	180,000 btu/hr	1.5 X 1.5	49/22	\$2,080.00
225500211	P711	380/50/3	4.5"	3.6	3900 gph @ 30'	180,000 btu/hr	1.5 X 1.5	49/22	\$2,080.00
225500300	CPOD240BX	115-230/60/1	4.25"	16.2/8.1	N/A	240,000 btu/hr	2 X 1.5	60/27.2	\$4,045.00
225500299	CPOD240B3X	230-460/60/3	4.25"	4.0/2.0	N/A	240,000 btu/hr	2 X 1.5	60/27.2	\$3,810.00
225500030	P711	380/50/3	4.75"	2.5	4500 gph @ 30'	240,000 btu/hr	1.5 X 1.5	49/22	\$2,060.00
334968	P715 CW	230/60/1	4"	10.0	N/A	320,000 btu/hr	2 X 2	85/39	\$4,345.00
225500154	P715 CW	230/60/3	4"	6.0	N/A	320,000 btu/hr	2 X 2	85/39	\$3,615.00
225500135	P715 SW	230/60/3	4"	6.0	7200 gph @ 20'	N/A	2 X 2	85/39	\$4,060.00
225500136	P715 SW	460/50-60/3	4"	3.0	7200 gph @ 20'	N/A	2 X 2	85/39	\$4,060.00
225500138	P715 SW	380/50/3	4.5"	3.6	7000 gph @ 20'	N/A	2 X 2	85/39	\$4,135.00
225500158	P715 CW	230/60/3	4.5"	6.8	N/A	480,000 btu/hr	2 X 2	93/42	\$3,810.00
225500159	P715 CW	460/50-60/3	4.5"	3.4	N/A	480,000 btu/hr	2 X 2	93/42	\$3,810.00
225500161	P715 CW	380/50/3	4.75"	4.1	N/A	360,000 btu/hr	2 X 2	93/42	\$3,850.00
225500141	P715 SW	220/50/3	4.75"	7.1	7000 gph @ 30'	N/A	2 X 2	93/42	\$4,545.00
225500142	P715 SW	380/50/3	4.75"	4.1	7000 gph @ 30'	N/A	2 X 2	93/42	\$4,545.00
225500304	P7800B3X	230-460/60/3	5"	3.4/1.7	7800 gph @ 20'	N/A	2.5 X 2.5	90/41	\$5,255.00
225500162	P715 CW	230/60/3	4.5"	9.6	N/A	890,000 btu/hr	2.5 X 2.5	98/44	\$4,975.00
225500134	P715 SW	460/50-60/3	4.5"	4.8	16000 gph @ 30'	N/A	2.5 X 2.5	98/44	\$5,090.00
225500165	P715 CW	380/50/3	4.75"	5.8	N/A	900,000 btu/hr	2.5 X 2.5	98/44	\$4,975.00
225500145	P715 SW	380/50/3	4.75"	5.8	15600 gph @ 30'	N/A	2.5 X 2.5	98/44	\$5,240.00
225500169	P715 CW	380/50/3	5.13"	9.2	N/A	1,120,000 btu/hr	2.5 X 2.5	120/54	\$5,465.00
225500171	P715 CW	460/60/3	5.12"	11.0	N/A	1,400,000 btu/hr	2.5 X 2.5	127/58	\$5,655.00

Notes:

1. All CW pump capacities listed are calculated at 40' of head.
2. CW pumps must not be used for seawater. However, SW pumps can be used for CW.
3. 50Hz pumps must not be operated at 60Hz. However, 50-60Hz pumps can be operated at 50hz, but performance will drop significantly.

CW Loop Components

Expansion Tanks

Item	List Price USD	Description
1063515	\$135.00	Exp Tank, 2 gal, up to 30-tons, 1/2" MPT
1063530	\$215.00	Exp Tank, 4.4 gal, up to 60-tons, 1/2" MPT
1063560	\$450.00	Exp Tank, 7.6 gal, up to 100-tons, 1/2" MPT

Note: Select tank based on total air handler capacity.



Fill Components

334758	\$205.00	Pressure Reducing Valve, 12psi, fast-fill, 1/2" FPT
335225	\$575.00	Backflow preventer for fill line, 1/2" FPT (Reduced Press Zone)
1070200	\$185.00	Back Flow Preventer 1/2" FPT (not for permanent connection)
1070201	\$365.00	Pressure Regulator/Relief Valve 1/2" FPT
1070030	\$60.00	Pressure Gauge, 0 - 30 PSI, 1/4" FPT
1070031	\$60.00	Pressure Gauge, 0 - 60 PSI, 1/4" MPT



Air/Dirt/Air-and-Dirt Separators

334152	\$185.00	1/2" Spirotop (install at high points in CW system)
334132	\$390.00	1-1/4" inline Spirovent, 15gpm (60k BTU/hr)X
334151	\$550.00	1-1/2" inline Spirovent, 30gpm (120k BTU/hr)X
1063507	**	Air & Dirt Separator, 2" flanged connections, 105 gpm, steel shell, serviceable
1063508	**	Air & Dirt Separator, 3" flanged connections, 225 gpm, steel shell, serviceable
1063509	**	Air & Dirt Separator, 4" flanged connections, 405 gpm, steel shell, serviceable
1063510	**	Dirt Separator, 1.5" female NPT, 30 gpm, brass shell
297700297	\$2,860.00	DSV2/240 Dual Spirovent, 2" FPT, 60gpm (240k BTU/hr)

**If interested in these items, please contact your Cruisair Sales/Applications Representative.



Steel Shell Air & Dirt Separator



Brass Shell Dirt Separator



Loop Y-Strainers

1010012	\$200.00	"Y" Strainer, Bronze, 1 1/4" FPT
335345	\$365.00	"Y" Strainer, Bronze, 1 1/2" FPT
335404	\$455.00	"Y" Strainer, Bronze, 2" FPT
335263	\$745.00	"Y" Strainer, Bronze, 2 1/2" FPT
335264	\$980.00	"Y" Strainer, Bronze, 3" FPT

Balancing Flow Controls (see note)

264600006	\$350.00	Balancing Flow Control, 1/2" FPT
264600011	\$420.00	Balancing Flow Control, 3/4" FPT
264600009	\$420.00	Balancing Flow Control, 3/4" FPT
264600008	\$420.00	Balancing Flow Control, 3/4" FPT
264600007	\$420.00	Balancing Flow Control, 3/4" FPT
264600015	\$520.00	Balancing Flow Control, 1" FPT
264600014	\$520.00	Balancing Flow Control, 1" FPT
264600013	\$520.00	Balancing Flow Control, 1" FPT
264600020	\$575.00	Balancing Flow Control, 1 1/4" FPT
264600019	\$575.00	Balancing Flow Control, 1 1/4" FPT
264600017	\$575.00	Balancing Flow Control, 1 1/4" FPT
264600016	\$575.00	Balancing Flow Control, 1 1/4" FPT

Notes:

1. Subtract Chiller capacity (BTU/hr) from total Air Handler capacity to get BFC size (BTU load).
2. If an exact BFC size is not available, select the next smaller size.

Air Handlers

"AT" Air Handlers with Valves and "HV" Blowers

<u>Item</u>	<u>List Price USD</u>	<u>Description</u>
261300711	\$1,590.00	AT6HV-FC 5"MR 115V
261300712	\$1,940.00	AT6HV-FC-1KW 5"MR 115V
261300715	\$1,590.00	AT6HVZ-FC 5"MR 230V
261300716	\$1,940.00	AT6HVZ-FC-1KW 5"MR 230V
261300721	\$1,690.00	AT9HV-FC 6"MR 115V
261300722	\$2,040.00	AT9HV-FC-1.5KW 6"MR 115V
261300726	\$1,690.00	AT9HVZ-FC 6"MR 230V
261300727	\$2,040.00	AT9HVZ-FC-1.5KW 6"MR 230V
261300723	\$2,040.00	AT9HVZ-FC-1KW 6"MR 230V
261300731	\$1,790.00	AT12HV-FC 6"MR 115V
261300736	\$1,790.00	AT12HVZ-FC 6"MR 115V
261300312	\$2,140.00	AT12HVZ-FC-1KW 6"MR 230V
261301031	\$2,140.00	AT12HVZ-FC-1.5KW 6"MR 230V
261300846	\$1,990.00	AT18HV-FC 7"MR 115V
261300755	\$2,440.00	AT18HV-FC-2X1.5KW 7"MR 115V
261300756	\$1,990.00	AT18HVZ-FC 7"MR 230V
261300750	\$2,340.00	AT18HVZ-FC-1KW 7"MR 230V
261300757	\$2,440.00	AT18HVZ-FC-2X1.5KW 7"MR 230V
261300766	\$2,290.00	AT24HVZ-FC 8"MR 230V
261300763	\$2,640.00	AT24HVZ-FC-1.5KW 8"MR 230V
261300767	\$2,740.00	AT24HVZ-FC-2X1.5KW 8"MR 230V
261300786	\$3,590.00	AT36HVZ-FC 8"MR 230V
261300787	\$4,040.00	AT36HVZ-FC-2X1.5KW 8"MR 230V

"Whisper Cool" AT-DC Air Handlers

261300608	\$2,390.00	AT6DCZ-FC 5"MR 230V
261300601	\$2,740.00	AT6DCZ-FC-1KW 5"MR 230V
261300610	\$2,490.00	AT9DCZ-FC 6"MR 230V
261300602	\$2,840.00	AT9DCZ-FC-1KW 6"MR 230V
261300632	\$2,840.00	AT9DCZ-FC-1.5KW 6"MR 230V
261300614	\$2,590.00	AT12DCZ-FC 6"MR 230V
261300662	\$2,940.00	AT12DCZ-FC-1KW 6"MR 230V
261300791	\$2,940.00	AT12DCZ-FC-1.5KW 6"MR 230V
261300896	\$2,780.00	AT15DCZ-FC 7"MR 230V
261300616	\$2,790.00	AT18DCZ-FC 7"MR 230V
261300981	\$3,140.00	AT18DCZ-FC-1KW 7"MR 230V
261300792	\$3,140.00	AT18DCZ-FC-1.5KW 7"MR 230V
261300675	\$3,140.00	AT18DCZ-FC-2X1KW 7"MR 230V
261300605	\$3,240.00	AT18DCZ-FC-2X1.5KW 7"MR 230V
261300619	\$3,090.00	AT24DCZ-FC 8"MR 230V
261300980	\$3,440.00	AT24DCZ-FC-1KW 8"MR 230V
261301016	\$3,440.00	AT24DCZ-FC-2X1KW 8"MR 230V
261300606	\$3,540.00	AT24DCZ-FC-2X1.5KW 8"MR 230V
261300622	\$4,390.00	AT36DCZ-FC 8"MR 230V
261300676	\$4,840.00	AT36DCZ-FC-2X1.5KW 8"MR 230V

AT	12	HV	Z	- FC	- COS	- 2KW	- L90	6"MR
Air Handler Style	Capacity (BTU/hr x 1000)		Z = 230V Blank = 115V	Flow Control		Electrical Heat		Duct Ring Size
	Blower "HV" = High-efficiency DC = DC Brushless Motor F = Shaded Pole (ext. motor)			COS = Change-Over Switch Installed			Valve & Blower Orientation	

"AT" Air Handlers with FC, Valves, COS, and rotated "HV" Blowers

These models can be used to replace old CBBL units.

Item	List Price USD	Description
261300010	\$1,420.00	AT4FZ-FC-COS L90 4"MR 230V, replaces CBBL3C, CBBL4C
261300719	\$1,690.00	AT6HVZ-FC-COS L90 5"MR 230V, replaces CBBL6C
261300720	\$2,040.00	AT6HVZ-FC-COS-1KW L90 5"MR 230V, replaces CHBBL6C
261300730	\$1,790.00	AT9HVZ-FC-COS L90 6"MR 230V, replaces CBBL7.5C, CBBL9C
261300813	\$2,140.00	AT9HVZ-FC-COS-1.5KW L90 6"MR 230V, replaces CHBBL7.5C, CHBBL9C
261300740	\$1,890.00	AT12HVZ-FC-COS L90 6"MR 230V, replaces CBBL12C
261300812	\$2,090.00	AT15HVZ-FC-COS L90 7"MR 230V, replaces CBBL15C
261300815	\$2,540.00	AT15HVZ-FC-COS-2X1.5KW L90 7"MR 230V, replaces CHBBL15C
261300760	\$2,090.00	AT18HVZ-FC-COS L90 7"MR 230V, replaces CBBL18C
261300814	\$2,540.00	AT18HVZ-FC-COS-2X1.5KW L90 7"MR 230V, replaces CHBBL18C
261300770	\$2,390.00	AT24HVZ-FC-COS L90 8"MR 230V, replaces CBBL24C
261300852	\$2,840.00	AT24HVZ-FC-COS-2X1.5KW L90 8MR 230V, replaces CHBBL24C

Note: Air Handlers with COS call-out in the description are not compatible with Q logic.

ATV "Vertical" Draw-Through Air Handlers

261300520	\$2,835.00	ATV12DCZ-FC 6"MR VERT CONFIG
261300523	\$3,185.00	ATV12DCZ-FC-2X1KW 6"MR VERT CONFIG

ATL Draw-Through Air Handlers

261300505	\$2,930.00	ATL6DCZ-FC, 6" MR, 230V
261300504	\$2,980.00	ATL9DCZ-FC, 6" MR, 230V
261300509	\$4,330.00	ATL12DCZ-FC, 6" MR, 230V
261300528	\$2,370.00	ATL16FZ, 230V, sloped pan
261300519	\$4,030.00	ATL18DCZ-FC, 6" MR, 230V
261300540	\$4,080.00	ATL24DCZ-FC, 8" MR, 230V

Note: Electric Heat is available on the ATLs, ATVs, and ABLs.

ABL Air Handlers

262110005	\$5,810.00	ABL18DCZ-FC 2X1.5KW 230V
262110001	\$5,360.00	ABL24DCZ-FC 230V
262110004	\$5,885.00	ABL24DCZ-FC 2X1.5KW 230V

Fresh Air Makeup Air Handlers - with valve and flow control

261300802	\$2,860.00	AT18HVZ-FC-1.5KW-MU, 230V/1Ph, with Flow Control, 174cfm, 5" hose adapt
261300803	\$3,160.00	AT24HVZ-FC-2X1KW-MU, 230V/1Ph, with Flow Control, 276cfm, 6" hose adapt
261300804	\$4,680.00	AT36HVZ-48FC-2X1.5KW-MU, 230V/1Ph, w/48k Flow Control, 550cfm, 8" hose adapt
4061200	\$360.00	Humidistat, Wall Mount, 115V/230V
722400008	\$400.00	Temperature Sensor, RH, Q-Logic, 15 Feet

Note: For AT-MU, also order: PLTX-HVSTAT, SMX Keypad, CXP cable, and humidistat.

Defrosters and Controls

715201400	\$1,980.00	HBU1.5C-8, Defroster, 1.5 KW, 8" duct, 300 cfm, 230V
215200118	\$2,445.00	HBUF1.5C "F" Defroster 230V 1.5kW, 3x 5" Rings
223150010	\$380.00	Switch for "F" type Defroster (1-knob; Off-Fan-Defrost)
763100050	\$365.00	SA4D-ZC01, 2-knob switch for defroster, Black, 230V
235000108	\$90.00	Replacement filter w/frame for "F" type Defroster (17.75"x8.75")

Note: See drawing at the back of the Tempered Water Section for ordering "F" type Defrosters

Hose Barbs, Hose

361040	\$8.00	Brass Hose Barb, 1/2" MPT x 5/8" (16mm) HB
361080	\$10.00	Brass Hose Barb, 3/4" MPT x 3/4" (19mm) HB
361060	\$22.00	Brass Hose Barb, 1" MPT x 1" (25mm) HB
1054200	\$4.00	PVC Drain Fitting, 1/2" MPT x 5/8" Hose Barb
335380	\$6.00	PVC 90° Drain Fitting, 1/2" MPT x 5/8" Hose Barb
226000006	\$4.00	Hose, White, 5/8" ID, per foot
1022312	\$5.00	Hose, White, 3/4" ID, per foot

Cabin Controls

"Q" Displays/Logic Boxes

<u>Item</u>	<u>List Price USD</u>	<u>Description</u>
722200260	\$175.00	Display, Q3, Black
722200200	\$225.00	Display, Qht, Gray (Bezel Needed)
722200210	\$225.00	Display, Qht, White (Bezel Needed)
763100039	\$590.00	PLTQ, Q-Logic P/L Box, Tempered Water
763100052	\$225.00	DC Blower Converter Box for SMXII/Q Logic (Call Applications Dept for assistance)
763100061	\$475.00	Canbus adapter kit for Q-Logic, DX & TW (does not include Q-Logic board)
335441	\$13.00	BEZEL VIMAR POLY BLACK
335442	\$13.00	BEZEL VIMAR POLY IDEA WHITE
335514	\$45.00	BEZEL VIMAR METAL POLISHED GOLD CLASSICA

Note: The Q displays only work with Q logic control system.

SMXht Keypad/Display

722200010	\$225.00	Display SMXht Gray – TW (Bezel Needed)
722200030	\$225.00	Display SMXht White – TW (Bezel Needed)
5103700	\$4.00	Replacement clips for using Vimar Idea bezels (supplied with SMXht)
335441	\$13.00	BEZEL VIMAR POLY BLACK
335442	\$13.00	BEZEL VIMAR POLY IDEA WHITE
335514	\$45.00	BEZEL VIMAR METAL POLISHED GOLD CLASSICA

Notes:

1. The SMXht Keypad/Display only works with SMX II Control System using HV circuit board (722300288).
2. Other Vimar Bezels are available.

SMXir & SMXII Keypad/Displays

SMXIRB-T	\$255.00	Display, SMXir, Black, 3/4 Door, TW
722400011	\$255.00	SMXIRB-T-F, Display, SMXir, Black, Full Door, TW
SMXIRW-T	\$255.00	Display, SMXir, White, 3/4 Door, TW
SMXIR-REM-T	\$135.00	Remote Control, SMXir, TW
SMXIIBB	\$235.00	Display, SMXII Black, Cover required
5101405	\$55.00	TPXB, SMXII Snap-On Cover, Black, TW.

Note: SMXir convenience panel kits come with a 4' (1.2m) cable connected to a SMXir keypad/display.

SMX Power/Logic Boxes

763100038	\$610.00	PLTX-HVSTAT SMX II P/L Box w/COS & TSEP10
763100041	\$620.00	PLTX-HVSTATDC SMX II P/L Box w/COS&TSEP10 for DC blwrs
763100052	\$225.00	DC Blower Converter Box for SMXII/Q Logic (Call Applications Dept for assistance)
763100040	\$495.00	PLTX-HV, SMX II P/L Box, 115/230V (for AH w/COS installed, TSEP req'd)
763100072	\$775.00	NPLTX, SMX Net P/L Box, 115/230V (for AH w/COS installed, TSEP req'd)
4061200	\$360.00	Humidistat, Wall Mount, 115V/230V

**There are several specialized control boxes to provide additional features such as networking and DC blower controls. Please contact your Cruisair Sales/Applications Representative if interested.

CXP Cables and TSEP Temperature Sensors

CXP10	\$23.00	Keypad to P/L Box Cord, RJ12 Plug, 10 Feet
CXP20	\$34.00	Keypad to P/L Box Cord, RJ12 Plug, 20 Feet
CXP30	\$45.00	Keypad to P/L Box Cord, RJ12 Plug, 30 Feet
TSEP10	\$39.00	Temperature Sensor, RJ11, 10 Feet

Mechanical 3-Knob Thermostats

763100059	\$525.00	TS3-ZCB1, 3-Knob Switch, Black, 10' Cable, 230V, w/COS
763100076	\$430.00	TSE-TZCB, 3-Knob Switch, Black, 230V, w/COS

Replacement Parts

Tempering Unit Parts

332025	\$155.00	Flow Switch (V10), Brass Body w/Reed Switch ¹
4020013	\$190.00	Flow Switch, Black Plastic ¹
333361	\$65.00	Replacement Micro Reed Switch for V10 Flow Switch
297704439	\$230.00	A-400, Replacement Flow Switch, Cut Paddle, w/ Micro Switch & resistor
297704443	\$85.00	A-403, Replacement Micro Switch for #1061700 Flow Switch, w/resistor
4024219	\$37.00	Screw-On Low Pressure Switch: R410A (60psi) ²
4024222	\$42.00	Screw-On Low Pressure Switch: R410A (78psi) ²

Tempering Unit Parts (continued)

<u>Item</u>	<u>List Price USD</u>	<u>Description</u>
4024220	\$37.00	Screw-On High Pressure Switch: R410A (600psi) ³
4024221	\$42.00	Screw-On High Pressure Switch: R407c (450psi) ³
4024200	\$32.00	Screw-On Low Pressure Switch: R22, R407C, R417A (27psi)
4024300	\$32.00	Screw-On High Pressure Switch: R22, R407C, R417A (425psi)
3080053	\$355.00	Pressure Relief Valve, R410a, 600psi ³
3080054	\$435.00	Pressure Relief Valve, R407c, 450psi ³
4160099	\$385.00	Harness, MTD for Secondary LPS, no solenoid coil, no flow switch reed
4160051	\$385.00	Replacement Kit MTA/B-MTC, no solenoid coil, no flow switch reed
4160102	\$21.00	Retrofit Harness for Secondary LPS, Cruisair ²
297000051	\$125.00	A-415, Replacement Temp. Sensor, Johnson A-350 Controls (MPA units)
4062305	\$70.00	Replacement Temp. Sensor, TWLC (MPE) & Ranco ETC (MPC)
334275	\$12.00	Adapter, SW Manifold, 5/8 Compression X 1/2MPT
334800	\$22.00	Molded wiring plug for scroll compressor, 1ph
334801	\$22.00	Molded wiring plug for scroll compressor, 3ph

Notes:

1. The brass body flowswitch (33025) and the black plastic flowswitch (4020013) are NOT interchangeable.
2. On reverse-cycle chillers, 78psi LPS should only be installed on the line connecting the evaporator to the reversing valve. On units with no reversing valve, the 78psi LPS can be used on the compressor suction line instead of the 60psi switch. The 78psi LPS affords greater protection against freezing, especially in conjunction with the mandatory 20° F glycol concentration. See FN 207-110 for more information.
3. Effective February 2010, chillers with more than 80oz. of refrigerant include a pressure relief valve (PRV). Chillers with coaxial condensers use the PRVs listed above. For shell and tube condensers, call the factory. The pressure switches noted reduce the chance of a PRV nuisance trip. See FN # 304-H10 for more information.

Control Panel Parts

297704321	\$725.00	Replacement TWLC P/L Board, 115/230 V
763300034	\$22.00	Replacement EPROM for MPE board
335504	\$410.00	TWLC LCD Keypad/Display, Cruisair
4220002	\$605.00	Repl. DDC circuit board, 115/230V
331438	\$55.00	DDC Water Temp Sensor, 10ft
334824	\$310.00	Transformer, 380V/460V PRIM, 240SEC, 140VA
4130630	\$210.00	Contact, MPE-XC only, 240V Coil, 30A
331551	\$75.00	Contact AEG, 40amp, 2-pole, 240V coil
332169	\$230.00	Contact AEG, 40amp, 3 phase, 240V coil

Air Handler Parts

335168	\$110.00	Actuator only, Erie "Pop-Top" TM , 115V
335169	\$125.00	Actuator only, Erie "Pop-Top" TM , 230V
333837	\$305.00	3-way valve & actuator, 115V, 3/4" IFL, Erie "Pop-Top" TM
333839	\$305.00	3-way valve & actuator, 230V, 3/4" IFL, Erie "Pop-Top" TM
4070007	\$225.00	3-way valve & actuator, 115V, 1/2" sweat, replaces: Erie "Pop-Top" TM & Sinro (Plastic)
4070008	\$225.00	3-way valve & actuator, 230V, 1/2" sweat, replaces: Erie "Pop-Top" TM & Sinro (Plastic)
335808	\$465.00	3-way valve & actuator, 230V, 1" sweat, Erie "Pop-Top" TM
332063	\$120.00	Motor Only for 3-way valve, 115V (see note)
332002	\$125.00	Motor Only for 3-way valve, 230V (see note)
331942	\$5.00	Rubber Boot for 3-way valve
291613004	\$55.00	36" Water Bleeder Valve Asy w/Nylon Tube & Straight Fitting
291613033	\$60.00	40" Water Bleeder Valve Asy w/Nylon Tube & Elbow Fitting
334083	\$80.00	COS, Changeover Switch
334084	\$23.00	SPRING, to hold COS

Notes:

1. **Sinro Valves & Parts:** Sinro valves and replacement parts are no longer available. The motors listed above CAN be used on Sinro AND Erie valves. If the motor alone will not suffice, then replace a Sinro valve with the appropriate voltage of the SWEAT Erie valve. DO NOT attempt to replace a Sinro with an IFL Erie valve. Refer to 2009 Field Notice 294-K09 for more information.
2. **Actuator Note:** Erie IFL and sweat valves use the same Erie actuator
3. **Sizing Note:** 1/2" sweat valves fit 5/8" od copper tubing. 3/4" IFL (internal flare) valves fit flared 5/8" od copper tubing. 1" sweat fits 1-1/8" od copper tube.
4. **Erie/Invensys/TAC Note:** Erie, Invensys, and TAC are different names for the same valve manufacturer and same valves.
5. **Motor Only Note:** "Motor Only" part numbers require the actuator to be opened and the motor itself replaced. This is not an easy operation, especially if the air handler is installed. We recommend replacing the entire actuator instead. EXCEPTION: If you have a Sinro valve, it is easier to replace the motor than to replace the entire valve. Air handlers built before 2000 may not have removable actuators. In that case, replacing the motor may be preferable to replacing the entire valve.

Replacement Blower Assemblies

Item	List Price USD	Description
293042086	\$430.00	Replacement Blower Assembly, AT4FZ, 230V
291617076	\$480.00	Replacement Blower Assembly, AT6HV, 115V
291617014	\$480.00	Replacement Blower Assembly, AT6HVZ, 230V
291617010	\$585.00	Replacement Blower Assembly, AT9HV, 115V
291617011	\$585.00	Replacement Blower Assembly, AT9HVZ, 230V
291617077	\$635.00	Replacement Blower Assembly, AT12HV, 115V
291617006	\$635.00	Replacement Blower Assembly, AT12HVZ, 230V
291617078	\$925.00	Replacement Blower Assembly, AT18-24HV, 115V
291617079	\$925.00	Replacement Blower Assembly, AT18-24HVZ, 230V

Note: Blowers above are insulated, and include inlet mount ring and capacitor.

Replacement Blower Capacitors

4040003	\$8.00	3 mfd with spades for AT9HVZ 230V
4040004	\$9.00	4 mfd with spades for AT6,12,18,24HVZ 230V
4040008	\$11.00	8 mfd with spades for AT36HVZ
4040006	\$12.00	10 mfd with spades for AT9HV 115V
4040007	\$12.00	12 mfd with spades for AT6HV 115V
4040005	\$13.00	16 mfd with spades for AT12HV 115V

Air Filters

235000525	\$11.00	Air Filter, black mesh, for AT4
235000526	\$11.00	Air Filter, black mesh, for AT6
235000527	\$11.00	Air Filter, black mesh, for AT9
235000528	\$11.00	Air Filter, black mesh, for AT12
235000529	\$11.00	Air Filter, black mesh, for AT18 & 18-MU
235000530	\$16.00	Air Filter, black mesh, for AT24 & 24-MU
235000531	\$26.00	Air Filter, black mesh, for AT36
235100063	\$26.00	Air Filter, black mesh, for AT36MU
235000508	\$19.00	Air Filter for CBB, 12,000 BTU/Hr

Micro-Particle Air Filters

235000625	\$24.00	Micro-Particle Air Filter, AT4, 8"W x 8"H
235000626	\$24.00	Micro-Particle Air Filter, AT6, 8.25"W x 8"H
235000627	\$33.00	Micro-Particle Air Filter, AT9, 10"W x 10"H
235000628	\$39.00	Micro-Particle Air Filter, AT12, 12"W X 10"H
235000629	\$60.00	Micro-Particle Air Filter, AT15-18, 13.5"W X 13"H
235000630	\$75.00	Micro-Particle Air Filter, AT24, 16"W X 15.5"H

Custom Micro-Particle filters are Available

****If interested in these items, please contact your Cruisair Sales Representative.**

Note: Minimum custom filter order quantity = 50

Aux. Heater Assemblies for AT's

264200021	\$550.00	CHL CHSR 1KW AT6LH-CVR 230V
264400511	\$550.00	CHL CHSR 1KW AT6RH-CVR 115V
264400510	\$550.00	CHL CHSR 1KW AT6RH-CVR 230V
264400513	\$550.00	CHL CHSR 1KW AT9LH-CVR 115V
264400514	\$550.00	CHL CHSR 1KW AT9RH-CVR 115V
264400512	\$550.00	CHL CHSR 1KW AT9RH-CVR 230V
264400529	\$600.00	CHL CHSR 1.5KW AT9LH-CVR 115V
264400508	\$600.00	CHL CHSR 1.5KW AT9LH-CVR 230V
264400530	\$600.00	CHL CHSR 1.5KW AT9RH-CVR 115V
264400528	\$600.00	CHL CHSR 1.5KW AT9RH-CVR 230V
264400516	\$550.00	CHL CHSR 1KW AT12RH-CVR 115V
264400515	\$550.00	CHL CHSR 1KW AT12RH-CVR 230V
264400533	\$600.00	CHL CHSR 1.5KW AT12LH-CVR 115V
264400531	\$600.00	CHL CHSR 1.5KW AT12LH-CVR 230V
264400534	\$600.00	CHL CHSR 1.5KW AT12RH-CVR 115V
264400532	\$600.00	CHL CHSR 1.5KW AT12RH-CVR 230V
264400518	\$550.00	CHL CHSR 1KW AT18LH-CVR 115V
264400519	\$550.00	CHL CHSR 1KW AT18RH-CVR 115V
264400517	\$550.00	CHL CHSR 1KW AT18RH-CVR 230V
264400535	\$600.00	CHL CHSR 1.5KW AT18LH-CVR 230V
264400537	\$600.00	CHL CHSR 1.5KW AT18RH-CVR 115V
264400536	\$600.00	CHL CHSR 1.5KW AT18RH-CVR 230V
264400502	\$625.00	CHL CHSR 2KW AT18LH-CVR 230V
264400553	\$705.00	CHL CHSR 3KW AT18RH-CVR 230V
264400522	\$550.00	CHL CHSR 1KW AT24LH-CVR 115V

Aux. Heater Assemblies for AT's (continued)

Item	List Price USD	Description
264400520	\$550.00	CHL CHSR 1KW AT24LH-CVR 230V
264400523	\$550.00	CHL CHSR 1KW AT24RH-CVR 115V
264400521	\$550.00	CHL CHSR 1KW AT24RH-CVR 230V
264400540	\$600.00	CHL CHSR 1.5KW AT24LH-CVR 115V
264400538	\$600.00	CHL CHSR 1.5KW AT24LH-CVR 230V
264400541	\$600.00	CHL CHSR 1.5KW AT24RH-CVR 115V
264400539	\$600.00	CHL CHSR 1.5KW AT24RH-CVR 230V
264400548	\$625.00	CHL CHSR 2KW AT24LH-CVR 115V
264400546	\$625.00	CHL CHSR 2KW AT24LH-CVR 230V
264400549	\$625.00	CHL CHSR 2KW AT24RH-CVR 115V
264400547	\$625.00	CHL CHSR 2KW AT24RH-CVR 230V
264400526	\$550.00	CHL CHSR 1KW AT36LH-CVR 115V
264400524	\$550.00	CHL CHSR 1KW AT36LH-CVR 230V
264400527	\$550.00	CHL CHSR 1KW AT36RH-CVR 115V
264400525	\$550.00	CHL CHSR 1KW AT36RH-CVR 230V
264400544	\$600.00	CHL CHSR 1.5KW AT36LH-CVR 115V
264400542	\$600.00	CHL CHSR 1.5KW AT36LH-CVR 230V
264400545	\$600.00	CHL CHSR 1.5KW AT36RH-CVR 115V
264400543	\$600.00	CHL CHSR 1.5KW AT36RH-CVR 230V
264400552	\$780.00	CHL CHSR 3KW AT36LH-CVR 230V

Notes:

1. All Chill Chasers listed above include Heater Cover.
2. Each Chill Chaser is unique to the Unit Capacity, Voltage, and Valve (whether right or left)

Aux. Heater Parts

4201200	\$95.00	Heat Element for AT's, rectangular, 1KW, 120V
4200700	\$95.00	Heat Element for AT's, rectangular, 1KW, 240V
4201100	\$95.00	Heat Element for AT's, rectangular, 1.5KW, 120V
4200800	\$95.00	Heat Element for AT's, rectangular, 1.5KW, 240V
4201000	\$95.00	Heat Element for AT's, rectangular, 2KW, 120V
4200900	\$95.00	Heat Element for AT's, rectangular, 2KW, 240V
335871	\$43.00	Overload Thermal, Man-reset, 160F (Slimlines)
4120034	\$46.00	Overload Thermal, Man-reset, 240F (AT, ABL, ATL, ATV)
330924	\$32.00	Overload Thermal, Auto-reset, 140F (PHD & all CW airhandlers, including FAMU's)

SMX Parts

722300288	\$315.00	Dual-Purpose Replacement SMXII-HV Power Logic Board A-288D
701800006	\$340.00	A-281T, Replacement SMX II TW Power/Logic Board, 115/230V
701500102	\$545.00	A-282NT, Replacement SMX Net TW Power/Logic Board, 115/230V
722400012	\$41.00	A-556, MOV Surge Suppressor
758000006	\$37.00	A-548, Replacement TO-3 Triac
4280000	\$1,260.00	VSD Circuit Board

Rotary Switch Parts

4060703	\$80.00	Thermostat, 10' Bulb
4023500	\$40.00	Switch, 3 Position, Rotary
297000044	\$90.00	A-4215, Rotary Fan Speed Control, 115V
297000046	\$90.00	A-4216, Rotary Fan Speed Control, 230V

Pump Seal Kits

333990	\$80.00	Seal Kit, Pump #s 67-68 (PS1500-2200BX)
330071	\$140.00	Seal Kit, Pump #s 72, 78
333169	\$220.00	Seal Kit 125, for Pump #s 17, 121, 122 1.25"
332068	\$280.00	Seal Kit 150 CW 1.5"

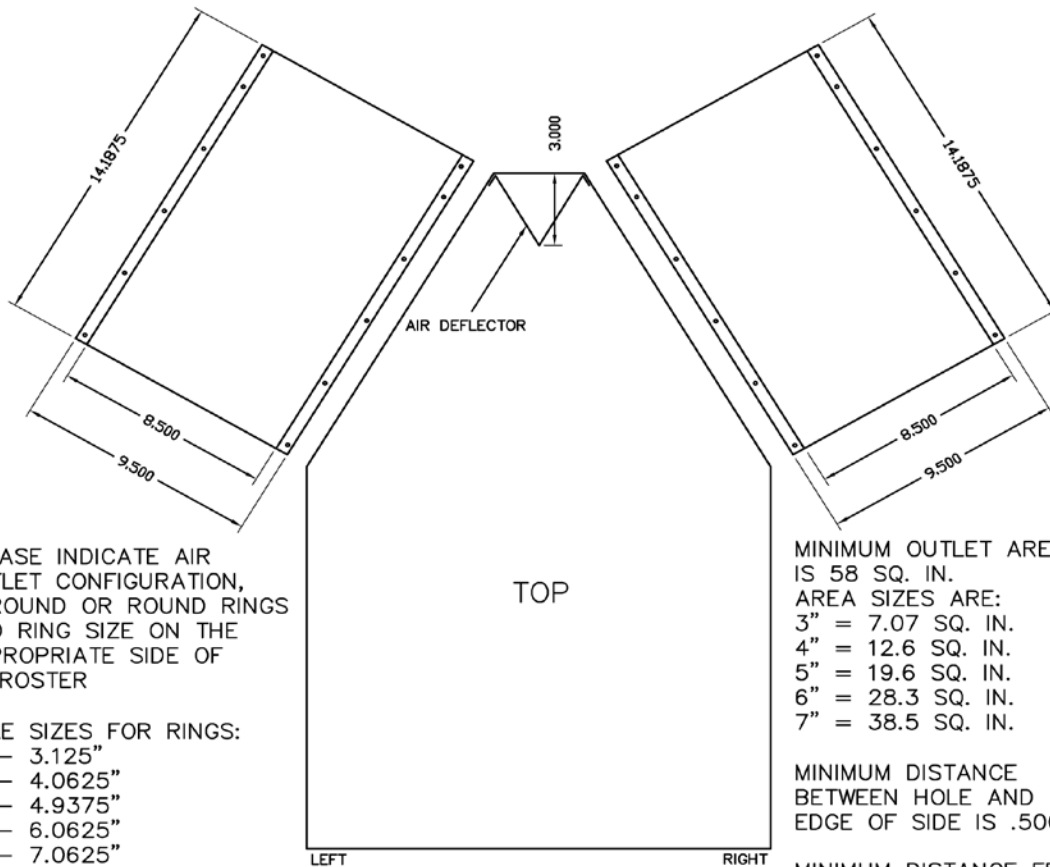
Note: Seals have been changed through the years, so check the dataplate on the pump or measure the seal diameter to make sure that you order the correct seal kit.

Pump Impellers

<u>Item</u>	<u>List Price USD</u>	<u>Description</u>
333992	\$195.00	2.5" Implr for pump #67-68
333997	\$195.00	3" Implr for pump #67-68
333995	\$195.00	3.5" Implr for pump #67-68
330282	\$240.00	2.75" Implr for pump #72
330069	\$275.00	3.5" Implr for pump #72
330283	\$275.00	3.75" Implr for pump #72
1038099	\$390.00	4" Implr for pump #72
330349	\$280.00	3.5" Implr for pump #78
330353	\$280.00	4" Implr for pump #78
335155	\$280.00	4.25" Implr for pump #78
1039102	\$280.00	4.5" Implr for pump #78
332597	\$280.00	4.75" Implr for pump #78
335141	\$900.00	3.5" Implr for pump #17 SW/CW
334747	\$990.00	4.5" Implr for pump #17 SW/CW
334650	\$1,115.00	4.75" Implr for pump #121 SW/CW
1014000	\$1,205.00	5.12" Implr for pump #121 SW/CW

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REV	DATE	REVISION DESCRIPTION	DWG	APR



PLEASE INDICATE AIR
OUTLET CONFIGURATION,
OBOURND OR ROUND RINGS
AND RING SIZE ON THE
APPROPRIATE SIDE OF
DEFROSTER

HOLE SIZES FOR RINGS:

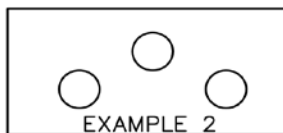
3" - 3.125"
4" - 4.0625"
5" - 4.9375"
6" - 6.0625"
7" - 7.0625"
5" OB - 6.375" X 2.250"
6" OB - 7.250" X 3.250"
7" OB - 9.0625" X 3.250"

MINIMUM OUTLET AREA
IS 58 SQ. IN.

AREA SIZES ARE:
3" = 7.07 SQ. IN.
4" = 12.6 SQ. IN.
5" = 19.6 SQ. IN.
6" = 28.3 SQ. IN.
7" = 38.5 SQ. IN.

MINIMUM DISTANCE
BETWEEN HOLE AND
EDGE OF SIDE IS .500"

MINIMUM DISTANCE FROM
HOLE EDGE TO HOLE
EDGE IS .250"



CUSTOMER SIGN OFF

DATE:

COMPANY NAME:

YACHT MODEL:

SIGNATURE:

PRINT NAME:

Dometic Corporation

Cruisair

HBUF-1.5 DUCTING RING LOCATION AND CONFIGURATION

DATE: 12/17/04

DWG BY: DRR

PART NUMBER:

DWG

C6020002

REV O.I.

SCALE: 1:10

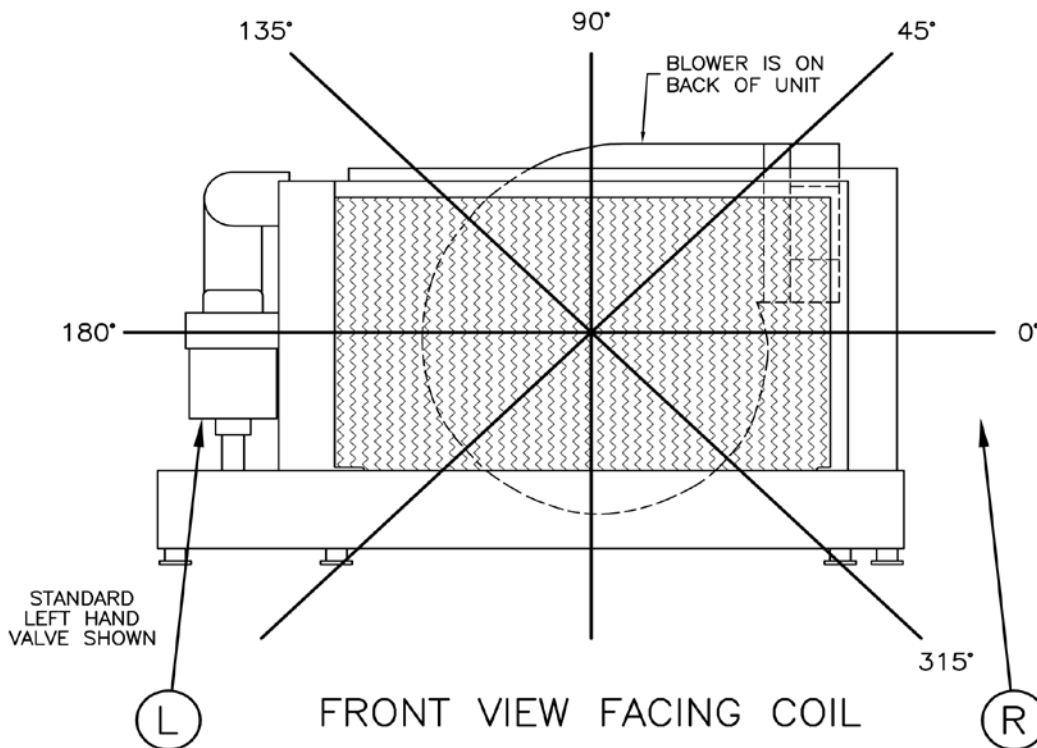
APR BY: CKD

N/A

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REV	DATE	REVISION DESCRIPTION	DWG	APR
B	4/16/02	UPDATE PROPRIETARY NOTE, ADD REV BLK, CAD226-02	DRR	JES
C	7/15/04	REMOVED 225° AND 270° REFERENCES, CAD474-04	DRR	JES
D	1/10/05	MAKE DRAWING GENERIC FOR MAS & CRUISAIR, CAD029-05	DRR	JES

Air Handler discharge location will be indicated by an angle. The valve location will be indicated by an 'R' or an 'L'. For example: AT9HVZ R135. The 'R' means that the valve is on the right as one faces the coil. The '135' means that the blower is rotated 135 degrees counterclockwise as one faces the coil. Note that standard Air Handlers are 'L0' – the valve is on the left, and the blower is at zero degrees or pointing right as one faces the coil (see diagram). 'L0' will not appear in descriptions because it is the standard, all other orientations get full description. "NO VALVE" units still use "R" or "L" to indicate location of connections.



CUSTOMER SIGN OFF

DATE: _____
 COMPANY NAME: _____
 YACHT MODEL: _____
 SIGNATURE: _____
 PRINT NAME: _____
 VALVE: _____ ROTATION: _____

Dometic Corporation

CUSTOM AIR HANDLERS - CUSTOMER SIGN OFF BLOWER ROTATION ANGLE & WATER VALVE LOCATION

DATE: 12/10/98	DWG BY: RMW	PART NUMBER: N/A	DWG	H3050002	REV	D
SCALE: 1/6	APR BY: E S					

Battery Chargers

Sentry FR Series

12 Volt Chargers

<u>Item No.</u>	<u>List Price USD</u>	<u>Description</u>
708010000	\$1,970.00	FR1220/3B, 12V, 20A x3 Outputs, 115V 60Hz Input
708010001	\$2,000.00	FR1240/3X, 12V, 40A x3 Outputs, 115/230V 60Hz Input
708010003	\$2,545.00	FR1240/3XJ, 12V, 40A x3 Outputs, 115/230V 50/60Hz Input
708010005	\$2,125.00	FR1260/4X, 12V, 60A x4 Outputs, 115/230V 60Hz Input
708010004	\$2,045.00	FR1260/3X, 12V, 60A x3 Outputs, 115/230V 60Hz Input
708010007	\$2,035.00	FR1260A/3X, 12V, 60A x3 Outputs, 115/230V 60Hz Input

24 Volt Chargers

708010008	\$2,045.00	FR2425/3X, 24V, 25A x3 Outputs, 115/230V 60Hz Input
708010010	\$2,070.00	FR2440/3X, 24V, 40A x3 Outputs, 115/230V 60Hz Input
708010011	\$2,580.00	FR2440/3XJ, 24V, 40A x3 Outputs, 115/230V 50/60Hz Input
708010012	\$2,585.00	FR2460/3XJ, 24V, 60A x3 Outputs, 115/230V 50/60Hz Input

32 Volt Chargers

708010014	\$2,275.00	FR3230/3X, 32V, 30A x3 Outputs, 115/230V 60Hz Input
-----------	------------	-----------------------------------------------------

* The "A" designates cut-in and cut-out voltage are set for calcium batteries.

Chargers with suffix "X" are dual voltage, which is selected by a rocker switch.

Chargers with the suffix "J" are dual frequency, which is selected by a slide switch.

"FR" SERIES REPLACEMENT PARTS

701800016	\$230.00	FR12NX, Control Circuit 12VDC
701800017	\$230.00	FR12ANX, Control Circuit 12VDC "A"
701800012	\$230.00	FR24NX, Control Circuit 24VDC
701800014	\$260.00	FR32NX, Control Circuit 32VDC
4023200	\$22.00	Switch Slide SPST 10A 125V 5.0 230V
4023700	\$19.00	Switch Rocker DPDT 20A
4030555	\$65.00	Motor Cool Fan 115V - large (used w/FR1260, 2440, 2460, 3230)
4030575	\$60.00	Motor Cool Fan 115V - small (used w/FR1220, 1240, 2425)
4040303	\$80.00	Capacitor 3MFD 660V
4040305	\$15.00	Capacitor 5MFD 660V
4091100	\$32.00	Holder Fuse for G120 & FR1220 30A
4121780	\$43.00	Fuse 80A Bolt-In
4122050	\$46.00	Fuse 50A Bolt-In
4122330	\$12.00	Fuse BAF 30A
4123335	\$125.00	Breaker Circuit Auto-Reset 25A DC
4123350	\$145.00	Breaker Circuit Auto-Reset 50A DC
4123480	\$115.00	Breaker Circuit Auto Reset 80A DC
4180340	\$21.00	Diode
4180440	\$32.00	Diode
4181060	\$29.00	Diode 85A @ 130 Degrees Celsius
4181160	\$34.00	Diode 85A @ 130 Degrees Celsius
4183200	\$75.00	SCR Non-Insulated Stud 55A 200V Motorola
4190130	\$125.00	Ammeter, 0-30, Intergral Shunt
4190250	\$75.00	Ammeter, 0-50, Intergral Shunt
4190380	\$100.00	Ammeter, 0-80, Intergral Shunt
4210200	\$6.00	Light Pilot Amber 115V
4210400	\$6.00	Light Pilot Amber 230V
4210500	\$6.00	Light Pilot Red 230V
701800018	\$130.00	GC140, Gate Circuit For GS 50/60 HZ Chargers

"C"&"G" SERIES REPLACEMENT PARTS

<u>Item No.</u>	<u>List Price USD</u>	<u>Description</u>
701800011	\$260.00	G12NX, Control Circuit 12VDC
701800013	\$260.00	G24NX, Control Circuit 24VDC
701800015	\$260.00	G32NX, Control Circuit 32VDC
2015700	\$18.00	Fan Blade, 4 in. Diameter, For 60 Amp Models
4020300	\$33.00	Toggle Switch , Mode Switch, "G" Series
4030601	\$115.00	Fan Motor, 60HZ
4040303	\$80.00	Res. Capacitor, 3 MFD 660V, For 12V 20A Charger
4040305	\$15.00	Res. Capacitor, 5 MFD 660V, For 30A, 40A,& 60A Chargers
4090100	\$43.00	Fuse Holder, DC "C" Series
4090400	\$12.00	Fuse Holder, AC "G" Series
4120415	\$2.00	Fuse, 15 AMP AC
4120550	\$7.00	Fuse, 50 Amp DC "C" Series
4121780	\$43.00	Fuse, 80 Amp DC "G" Series
4121950	\$135.00	Circuit Breaker, 50 Amp DC G240
4122050	\$46.00	Fuse, 50 Amp DC "G" Series
4122640	\$80.00	Circuit Breaker, 40 Amp, DC G330
4122740	\$46.00	Fuse, 40 Amp DC "G" Series
4180340	\$21.00	Diode, Rectifying, 40 Amp, For 20A, 30A &40A Chargers
4180440	\$32.00	Diode, Blocking, 40 Amp, For 20A, 30A &40A Chargers
4181060	\$29.00	Diode, Rectifying, 60 Amp, "G" Series
4181160	\$34.00	Diode, Blocking, 60 Amp, "G" Series
4190130	\$125.00	Ammeter, 0-30, Intergral Shunt
4190250	\$75.00	Ammeter, 0-50, Intergral Shunt
4190380	\$100.00	Ammeter, 0-80, Intergral Shunt
4210100	\$7.00	Pilot Light, Amber
4210200	\$6.00	Pilot Light, Red "G" Series

Galley Products

Refrigerators/Freezers

Compressor Refrigerators/Freezers - Coolmatic Series

Standard (Black flanges, Black Door Surround, Black door panels [replaceable])

<u>Item</u>	<u>List Price USD</u>	<u>Model</u>	<u>Description</u>	<u>Flange</u>
74802.010.00	\$960.00	CR-1050U/F	1.7 CuFt Front Loading Refrig/Freezer AC/DC	Flush
74802.030.00	\$935.00	CR-1050U/S	1.7 cu ft Refrigerator, AC/DC	Surface
74802.010.20	\$995.00	CR-1065U/F	2.3 CuFt Front Loading Refrig/Freezer AC/DC	Flush
74802.010.40	\$1,155.00	CR-1080U/F	2.8 CuFt Front Loading Refrig/Freezer AC/DC	Flush
74802.010.60	\$1,260.00	CR-1110U/F	3.8 CuFt Front Loading Refrig/Freezer AC/DC	Flush

Stainless (Silver flanges, Silver Door Surround, Brushed stainless steel door panels [replaceable])

74802.145.00	\$985.00	CR-1050E/F-S	1.7 CuFt Front Loading Refrig/Freezer AC/DC	Flush
74802.165.00	\$1,085.00	CR-1050E/S-S	1.7 cu ft Refrigerator, Stainless Steel, AC/DC	Surface
74802.145.20	\$1,020.00	CR-1080E/F-S	2.3 CuFt Front Loading Refrig/Freezer AC/DC	Flush
74802.145.40	\$1,195.00	CR-1065E/F-S	2.8 CuFt Front Loading Refrig/Freezer AC/DC	Flush
74802.145.60	\$1,295.00	CR-1110E/F-S	3.8 CuFt Front Loading Refrig/Freezer AC/DC	Flush

White Cockpit (Silver flanges, Silver Door Surround, White ABS door panels [replaceable])

74802.144.00	\$985.00	CR-1050E/F-W	1.7 CuFt Front Loading Refrig/Freezer AC/DC	Flush
74802.144.20	\$1,025.00	CR-1065E/F-W	2.3 CuFt Front Loading Refrig/Freezer AC/DC	Flush

Portable Compressor Refrigerators/Freezers - Coolfreeze Series

CF-018DC	\$550.00	CF-018DC	19 Qt Refrigerator / Freezer, DC ONLY
CF-025DC	\$650.00	CF-025DC	24 Qt Refrigerator / Freezer, DC ONLY
CF-050DC	\$840.00	CF-050DC	52 Qt Refrigerator / Freezer, DC ONLY
CF-035AC110	\$830.00	CF-035AC110	33 Qt Refrigerator / Freezer, AC/DC
CF-040AC110	\$905.00	CF-040AC110	39 Qt Refrigerator / Freezer , AC/DC
CF-050AC110	\$1,015.00	CF-050AC110	52 Qt Refrigerator / Freezer , AC/DC
CF-080AC110	\$1,200.00	CF-080AC110	85 Qt Refrigerator / Freezer, AC/DC
CF-110AC110	\$1,280.00	CF-110AC110	113 Qt Refrigerator / Freezer, AC/DC

"Specialty" Compressor Refrigerators/Freezers

CB-036	\$975.00	CB-036	1.3 CuFt Top Loading Refrig / Freezer, DC ONLY	
CB-040	\$990.00	CB-040	1.4 CuFt Top Loading Refrig / Freezer	
CD-030DC-D65A	\$725.00	CD-030DC-D65A	31 Qt Refrigerator - Black	
CD-030DCW-D65A	\$730.00	CD-030DCW-D65A	21 Qt Refrigerator - White	
RPF-0050U/F	\$1,325.00	RPF-0050U/F	1.6 CuFt Front Loading Freezer DC Only - SS door	Flush
RPF-1050U/F	\$1,410.00	RPF-1050U/F	1.6 CuFt Front Loading Freezer AC/DC - SS door	Flush
RSD-0115E	\$2,100.00	RSD-0115E	3.94 CuFt Front Loading Refrigerator DC Only - SS door	Flush
RSD-1115U/F	\$2,275.00	RSD-1115U/F	3.94 CuFt Front Loading Refrigerator AC/DC - SS door	Flush
RSF-0115E	\$1,800.00	RSF-0115E	3.9 CuFt Front Loading Freezer AC/DC - SS door	None
RSF-1115U/F	\$1,710.00	RSF-1115U/F	3.9 CuFt Front Loading Freezer DC Only - SS door	Flush

"Specialty" Units

HZB-15S	\$299.00	HZB-15S	Ice Maker, Top Load 120V SS/Blk
MF-1W	\$210.00	MF-1W	Single Bottle Wine Cooler
MF-6W	\$210.00	MF-6W	6 Bottle Wine Cooler

AC/DC Power Supply

3309723.017	\$300.00	TPS, Power Supply for dual AC/DC power, for all "T" & "TJ" models
MPS-35	\$85.00	AC Adapter, for "CR," "CB," & "CD" models
MPS-50	\$95.00	AC Adapter for "CF" models

REPLACEMENT PARTS

CR Series

Frame Kits

<u>Item</u>	<u>List Price USD</u>	<u>Description</u>
EST-0050U	\$70.00	Black space saver surface mount frame for CR-50
EST-0050E	\$70.00	Silver space-saver surface mount frame for CR-50
EST-0065U	\$70.00	Black space saver surface mount frame for CR-65
EST-0065E	\$75.00	Silver space-saver surface mount frame for CR-65
EST-0080U	\$80.00	Black space saver surface mount frame for CR-80
EST-0080E	\$80.00	Silver space-saver surface mount frame for CR-80
EST-0110U	\$90.00	Black space saver surface mount frame for CR-110
EST-0110E	\$90.00	Silver space-saver surface mount frame for CR-110
EFM-0050U	\$75.00	Black flush mount frame for CR-50
EFM-0050E	\$70.00	Silver flush mount frame for CR-50
EFM-0065U	\$75.00	Black flush mount frame for CR-65
EFM-0065E	\$75.00	Silver flush mount frame for CR-65
EFM-0080U	\$85.00	Black flush mount frame for CR-80
EFM-0110U	\$95.00	Black flush mount frame for CR-110
EFM-0110E	\$95.00	Silver flush mount frame for CR-110

Items Used on ALL CR Units

SP-065PCBASB	\$6.00	PCB Assembly
37-T2-0530ED	\$6.00	DC Power Cord
70-CB-06B32	\$1.00	Cord Clamp, All CR Series
46-065-08BX	\$25.00	Hinge
4441000039	\$345.00	Module 101N0500 (AC/DC)
4030002	\$260.00	Module 101N0210 (DC)
13-00-KPF1E	\$33.00	Thermostat
18-W3-122401A	\$27.00	LED Light
4441600017	\$22.00	Light Voltage Regulator with Bulb - old style CR Units

CR-50

42-065-065GS01	\$14.00	Gasket
40-065-41PT6C7	\$8.00	Water Pan
SP065FREDOORASA	\$17.00	Freezer Door Assembly
SP065COMDOORASA	\$280.00	Door Assembly, Black
11-01-D90BL12A	\$41.00	Fan

CR-65

40-090-11PT6C7	\$10.00	Water Pan
40-090-08PT6C7	\$13.00	Inner Layer for Fridge
SP090FREDOORASA	\$22.00	Freezer Door Assembly
SP090COMDOORASA	\$320.00	Door Assembly, Black
SP090COMDOORASB	\$255.00	Door Assembly, Silver
11-01-D90BL12A	\$41.00	Fan
42-090-090GS01	\$14.00	Gasket

CR-80

42-091-091GS01	\$25.00	Gasket
40-091-11PT6C7	\$10.00	Water Pan
40-091-08PT6C7	\$13.00	Inner Layer for Fridge
SP091COMDOORASA	\$290.00	Door Assembly, Black
11-00-D12SM12	\$42.00	Fan

CR-110

40-092-11PT6C7	\$11.00	Water Pan
42-092-092GS01	\$26.00	Gasket
SP092COMDOORASA	\$305.00	Door Assembly, Black
11-00-D12SM12	\$42.00	Fan

CF Series

Note: There was a change in displays in June 2009. Older units had an LED temperature display. Newer units have Digital temperature displays. Dataplates for Newer units will indicate whether the unit is a Version A or Version B.



Protective Covers

Item	List Price USD	Description
IC-CF-18	\$60.00	Cover for CF-018
IC-CF-25	\$49.00	Cover for CF-025
IC-CF-35	\$55.00	Cover for CF-035
IC-CF-40	\$60.00	Cover for CF-040
IC-CF-50	\$65.00	Cover for CF-050
IC-CF-80	\$105.00	Cover for CF-080
IC-CF-110	\$110.00	Cover for CF-110

Mounting Kit

UFK-C	\$70.00	Mounting Kit for CF-25, 35, 40, 50
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Power Cords & Adapters

Z5023	\$55.00	AC Replacement Cord for CF 35-50
38-UL-2000B6	\$21.00	AC Replacement Cord for CF 80, 110
80-T2-2000AI1	\$23.00	DC Replacement Cord for CF-18
80-T2-2000AG1	\$31.00	DC Replacement Cord for CF 25, 35, 40, 50

DO-IT-YOURSELF COOLING KIT

CS-NC-15	\$890.00	Cooling Kit
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CF-18

SP022COVERAS1	\$47.00	Cover Assembly
SP-972121C	\$32.00	Main PCB Assembly for unit with LED Display only
4030002	\$260.00	Danfoss Module for unit with LED Display or DC Digital Display only
SP005MAINPCBASA	\$48.00	Main PCB Board, Digital Display, Version A
SP005MAINPCBASI	\$39.00	Main PCB Board, Digital Display, Version B
SP005DISPCBASD	\$47.00	PCB Display, Digital , Version A
SP005DISPCBASH	\$60.00	PCB Display, Digital, Version B
4441000039	\$345.00	Module, Digital Display, Versions A & B

CF-25

81-01-980LGT	\$12.00	Light Assembly
02-00-005221	\$25.00	Control PCB Assembly for unit with LED Display only
80-T2-2000AG1	\$31.00	DC Power Cord
4030002	\$260.00	Danfoss Module for unit with LED Display or DC Digital Display only
SP018MAINPCBASD	\$32.00	PCB Assembly, CF-025 for unit with LED Display only
SP005MAINPCBASA	\$48.00	Main PCB Board, Digital Display, Version A
SP005MAINPCBASI	\$39.00	Main PCB Board, Digital Display, Version B
SP005DISPCBASD	\$47.00	PCB Display, Digital , Version A
SP005DISPCBASH	\$60.00	PCB Display, Digital, Version B
4441000039	\$345.00	Module, Digital Display, Versions A & B

CF-35 & CF-40

SP005MAINPCBASA	\$48.00	Main PCB Assembly for unit with LED Display only
Z5023	\$55.00	AC Replacement Cord
80-T2-2000AG1	\$31.00	DC Power Cord
81-01-026LGT	\$12.00	Light Assembly
02-00-005221	\$25.00	Control PCB Assembly for unit with LED Display only
444120001	\$60.00	Brushless Fan
4030002	\$260.00	Danfoss Module for unit with LED Display or DC Digital Display only
SP005MAINPCBASA	\$48.00	Main PCB Board, Digital Display, Version A
SP005MAINPCBASI	\$39.00	Main PCB Board, Digital Display, Version B
SP005DISPCBASD	\$47.00	PCB Display, Digital , Version A
SP005DISPCBASH	\$60.00	PCB Display, Digital, Version B
4441000039	\$345.00	Module, Digital Display, Versions A & B

CF-50

<u>Item</u>	<u>List Price USD</u>	<u>Description</u>
Z5023	\$55.00	AC Replacement Cord
80-T2-2000AG1	\$31.00	DC Power Cord
81-01-980LGT	\$12.00	Light Assembly
SP005MAINPCBASA	\$48.00	Main PCB Assembly, AC/DC for unit with LED Display only
4441200001	\$50.00	Motor Fan Assembly
SP005COVERASC	\$150.00	Cover Assembly
02-00-005221	\$25.00	Control PCB Assembly for unit with LED Display only
4030002	\$260.00	Danfoss Module for unit with LED Display or DC Digital Display only
SP005MAINPCBASA	\$48.00	Main PCB Board, Digital Display, Version A
SP005MAINPCBASI	\$39.00	Main PCB Board, Digital Display, Version B
SP005DISPCBASD	\$47.00	PCB Display, Digital , Version A
SP005DISPCBASH	\$60.00	PCB Display, Digital, Version B
4441000039	\$345.00	Module, Digital Display, Versions A & B

CF-80 and CF-110

Z5023	\$55.00	AC Replacement Cord
444120001	\$60.00	Brushless Fan
SP028MAINPCBASA	\$40.00	Main PCB Assembly for unit with LED Display only
02-00-005221	\$25.00	Control PCB Assembly for unit with LED Display only
SP028HINGEASA	\$26.00	Hinge Assembly
4030002	\$260.00	Danfoss Module for unit with LED Display or DC Digital Display only
SP005MAINPCBASA	\$48.00	Main PCB Board, Digital Display, Version A
SP005MAINPCBASI	\$39.00	Main PCB Board, Digital Display, Version B
SP005DISPCBASD	\$47.00	PCB Display, Digital , Version A
SP005DISPCBASH	\$60.00	PCB Display, Digital, Version B
4441000039	\$345.00	Module, Digital Display, Versions A & B

RPD Series

4441100007	\$40.00	Thermostat for RPD-50/65/80/110
4030002	\$260.00	Danfoss Module for "R" Series
4441600017	\$22.00	Light Voltage control, RPD-50/65/80/110
120340/0	\$60.00	Evaporator Flap for RPD-110
4443000090	\$10.00	Evaporator Frame for RPD-110
120990/0	\$34.00	Drip Bowl for RPD-110
EST-0100	\$65.00	Standard Flange, RPD-50
EFM-0100	\$150.00	Flush Mount Frame, RPD-50
EST-0200	\$60.00	Standard Flange, RPD-65
EFM-0200	\$115.00	Flush Mount Frame, RPD-65
EST-0300	\$75.00	Standard Flange, RPD-80
EFM-0300	\$160.00	Flush Mount Frame, RPD-80
EST-0400	\$75.00	Standard Flange, RPD-110
EFM-0400	\$120.00	Flush Mount Frame, RPD-110

RSA Series

4441600017	\$22.00	Light Voltage control, RSA-60/80/110
EST-0200	\$60.00	Standard Flange, RSA-60
EFM-0200	\$115.00	Flush Mount Frame, RSA-60
EST-0300	\$75.00	Standard Flange, RSA-80
EFM-0300	\$160.00	Flush Mount Frame, RSA-80
EST-0400	\$75.00	Standard Flange, RSA-110
EFM-0400	\$120.00	Flush Mount Frame, RSA-110

RSD Series

EST-0400	\$75.00	Standard Flange, RSD-115
EFM-0400	\$120.00	Flush Mount Frame, RSD-115
4441100019	\$18.00	Thermostat, RSD-115
4441600017	\$22.00	Light Voltage Control

RSF Series

EST-0400	\$75.00	Standard Flange, RSF-115
EFM-0400	\$120.00	Flush Mount Frame, RSF-115
410510/1	\$24.00	Thermostat, RSF-115
4441600017	\$22.00	Light Voltage Control

RPF Series

EST-0200	\$60.00	Standard Flange, RPF-50
EFM-0200	\$115.00	Flush Mount Frame, RPF-50
4441600017	\$22.00	Light Voltage Control

Origo Stove Series

Alcohol Stoves

<u>Item</u>	<u>List Price USD</u>	<u>Description</u>
9581401-99	\$310.00	US/C A-Stove 1500
9581409-99	\$425.00	US/C A-Stove 2000 CB
9581405-99	\$435.00	US/C A-Stove 3000 - free standing
9581415-99	\$535.00	US/C A-Stove 4100 CB
958147000	\$430.00	A100 Single burner alcohol
958147001	\$505.00	A100 GL Single burner alcohol with glass lid
958147010	\$535.00	A200 Double burner alcohol
958147011	\$610.00	A200 GL Double burner alcohol with glasslid

Ceran Stoves

958147201	\$445.00	Ceran Stove E100 120V
958147203	\$445.00	Ceran Stove E100 220-240V
958147206	\$605.00	Ceran Stove E200 120V
958147208	\$605.00	Ceran Stove E200 220-240V
958147211	\$850.00	Ceran Stove E300 120V
958147213	\$865.00	Ceran Stove E300 220-240V

Ovens

9581450-99	\$2,060.00	US/C Oven 6000
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Accessories

9581442-99	\$235.00	US/C Heat Pal 5100
9581482-01	\$120.00	Gimbal 3002
9581480-01	\$60.00	Potholder 3001
9581481-01	\$70.00	Potholder 4001
3880009-80	\$95.00	Fuel container Complete
3880009-81	\$150.00	Fuel container 5100
3880028-80	\$33.00	Knob + Label for 1500/3000/6000
3880036-00	\$16.00	Rubber gasket
3880068-01	\$155.00	Cutting board 4100
3880082-70	\$290.00	Cutting board 4300 complete
3880154-00	\$110.00	Cutting board 2000
3880046-30	\$245.00	Cutting board 3000/6000
3880158-70	\$230.00	Cutting board 2500E complete
3880159-80	\$32.00	Grid for 2000
3880162-00	\$11.00	Flame spreader
3880183-11	\$245.00	Burner element 230V with support 2500E/4300E
3880238-25	\$25.00	Front decal 6000
3880253-82	\$305.00	Glass lid black 4100/4300
3880253-83	\$265.00	Glass lid black 2000/2500
3880271-81	\$35.00	Slide control al. Complete
3886023-25	\$7.00	Spacer bumpon SJ 5018
3886023-30	\$7.00	Spacer bumpon SJ 5027
3886193-21	\$135.00	Hi light Ego 230/1200
3886158-01	\$43.00	Thermometer for 6000 oven
3880183-10	\$245.00	Burner element 120 volt, 2500E/4300E
3880140-00	\$26.00	Hinge pin for 6000 oven
3880165-71	\$375.00	PC Board 2500 Key Model 110V
3880165-79	\$410.00	PC Board 4300E Key Model 115V
3880165-80	\$400.00	PC Board 4300E Key Model 220V

GRUNERT

CARIBBEAN - Engine Driven Systems **Low Temperature "400 Series"**

<u>Item No.</u>	<u>List Price USD</u>	<u>Model No.</u>	<u>Description</u>
254000401	\$890.00	ED75/12	12V, 3/4HP Engine Drive Compressor, No Brkt
254000403	\$1,185.00	ED75BK12	12V, 3/4HP Engine Drive Compressor, w/ Brkt & Spring
254000011	\$475.00	BRKT/SP 75ED	Bracket and Spring Kit for ED75 .
254000405	\$1,455.00	ED150/12	12V, 1.5HP, Engine Drive Compressor, w/ Pulley & Coil
254000406	\$1,555.00	ED150/24	24V, 1.5HP, Engine Drive Compressor, w/ Pulley & Coil
254100370	\$1,060.00	BRKT/I 150ED	Bracket / Idler Kit for ED150
254100300	\$1,040.00	75/150ED COND	Condenser with Bracket 75 / 150
254100380	\$370.00	24"ED HOSE	Hose Assembly for Engine Drive (Pair)
254100320	\$150.00	ED TIMER	Engine Drive Timer
258800250	\$415.00	ED/DS JB 12V	Dual Junction Box, 12V

DOCKSIDER - AC Voltage Condenser **Refrigerant 404A Low Temperature "400 Series"**

256000136	\$2,575.00	AC416HA	1/4 HP Water / Air, 115V, 404A ..
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PASSAGEMAKER - AC Voltage Condensers **Refrigerant 404A Low Temperature "400 Series"**

Condensers for all applications.

256000120	\$2,525.00	AC425	1/4 HP Hermetic, 404A, 115 Volt
256000149	\$3,145.00	AC425HA	1/4 HP Hermetic, 404A, 115 Volt Air / Water
256000122	\$3,245.00	AC450	1/2 HP Hermetic, 404A, 115 Volt
256000148	\$3,505.00	AC450HA	1/2 HP Hermetic, 404A, 115 Volt Air / Water
256000123	\$3,245.00	AC450Z	1/2 HP Hermetic, 404A, 230 Volt
256000174	\$3,350.00	AC475	3/4 HP Hermetic, 404A, 115 Volt
256000175	\$3,605.00	AC475HA	3/4 HP Hermetic, 404A, 115 Volt Air / Water
256000177	\$4,275.00	AC475Z	3/4 HP Hermetic, 404A, 230 Volt
256000179	\$4,320.00	AC475Z50	3/4 HP Hermetic, 404A, 220 Volt, 50Hz
256000173	\$4,070.00	AC4100Z	1 HP Hermetic, 404A, 230 Volt
256000129	\$4,380.00	AC4150Z	1 1/2 HP Hermetic, 404A, 230 Volt
256000130	\$4,695.00	AC4200Z	2 HP Hermetic, 404A, 230 Volt

CAPACITIES:

Equipment operated at 60 cycles will run at 100% rated capacity.

Equipment operated at 50 cycles will run at 82% rated capacity.

VOLTAGE REQUIREMENTS:

Add "Z" to Model Number for all 230 volt equipment.

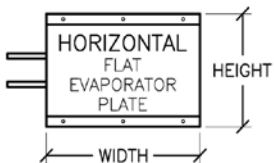
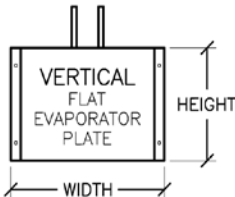
When 60 cycle equipment is operated at 50 cycles with line voltage in excess of 220 volts, a step-down transformer

MUST be used in conjunction with the equipment in order to reduce the line voltage to the recommended 200 or 220 volt range. See the Additional Components section for step-down transformer # 335894.

FLAT EVAPORATOR PLATES - Stainless Steel Wet and Dry Plates

Grunert offers two types of flat evaporator plates. The first style is constructed of 316 stainless steel and all seams are welded. It is designed to be used in a "wet" application in either a cockpit cooler or freezer that may contain salt or fresh water. The second is constructed of 304 stainless steel to be used in a "dry" application, i.e. drink box, bait freezer or standard refrigeration. There are no standard sizes, because all flat evaporator plates are custom built.

All custom plates must have customer sign-off prior to initiation of manufacturing.
If interested in these items, please contact your Sales Representative.

<small>PROPRIETARY NOTE: THE INFORMATION CONTAINED WITHIN THIS DOCUMENT IS THE PROPERTY OF DOMETIC CORPORATION. ANY ATTEMPT TO COPY OR DISTRIBUTE WITHOUT WRITTEN CONSENT FROM DOMETIC CORPORATION SHALL BE CONSIDERED UNLAWFUL AND CAN BE CONTESTED IN A COURT OF LAW.</small>	REV	DATE	REVISION DESCRIPTION	DWG	APR
	J	9/27/01	UPDATE PRICING CALCULATIONS,CAD964-01	DRR	RAP
	K	9/28/01	REVERSE WET & DRY VALUES,ADD 144,CAD969-01	DRR	RAP
	L	10/29/01	REMOVE SWAGelok FITTINGS,CAD1062-01	DRR	RAP
	M	2/3/04	UPDATED TO 2004 PRICES,CAD070-04	DRR	RAP
FLAT EVAPORATOR PLATE SPECIFICATIONS <ul style="list-style-type: none">Stainless steel outer shell (dry plate with 304SST, wet plate with 316L SST)3/8" O.D. tube core and refrigerant connections: Stainless steel for wet plates, Copper for dry plates.Slim profile (9/16" thick)					
WIDTH ____"/cm x HEIGHT ____"/cm = ____ TOTAL SQUARE INCHES OR CENTIMETERS					
<small>NOTE: First dimension of model number indicates width in inches, second dimension indicates height in inches.</small>					
					
Complete this section for a HORIZONTAL plate:			Complete this section for a VERTICAL plate:		
1) Choose either WET or DRY plate (circle one).			1) Choose either WET or DRY plate (circle one).		
2) Specify WIDTH of plate ____ (8.0"/20.3cm min. and 44.0"/111.8cm max.)			2) Specify WIDTH of plate ____ (9.5"/24.2cm min. and 45.5"/115.6cm max.)		
3) Specify HEIGHT of plate ____ (7.5"/19.1cm min. and 45.75"/116.2cm max.)			3) Specify HEIGHT of plate ____ (6.0"/15.2cm min. and 44.25"/112.4cm max.)		
4) Length of 3/8"Ø O.D. refrigerant extensions: (8.0"/20.3cm is standard) ____			4) Length of 3/8"Ø O.D. refrigerant extensions: (8.0"/20.3cm is standard) ____		
5) Location of extensions (circle one): TOP / CENTER / BOTTOM (center is standard)			5) Location of extensions (circle one): LEFT / CENTER / RIGHT (center is standard)		
6) If extensions not center, distance from outside flange: (2.0"/5.1cm min.) ____			6) If extensions not center, distance from outside flange: (2.0"/5.1cm min.) ____		
7) Refrigerant extension fitting type (circle one): FLARE / QD / NONE			7) Refrigerant extension fitting type (circle one): FLARE / QD / NONE		
MOUNTING CONSIDERATIONS (PLATES ARE POSITION SENSITIVE): Horizontal plates can be mounted with the refrigerant extensions going left or right, but the refrigerant must always feed into the bottom tube. Vertical plates can be mounted with the refrigerant extensions going up or down, but the refrigerant must always feed into the tube on the right. These guidelines apply while looking at the finished surface on front of a plate. Plates used as shelves may be fed from either tube. Plates have 3/4" mounting flanges with 1/4" holes.			CUSTOMER SIGNOFF DATE: _____ COMPANY NAME: _____ YACHT MODEL: _____ SIGNATURE: _____ PRINT NAME: _____		
Dometic Corporation			Grunert		
FLAT EVAPORATOR PLATE RETAIL PRICE WORKSHEET					
DATE: 3-23-95	DWG BY: DKM	PART NUMBER: G6030002	QTY: 1	M	
SCALE: NTS	APR BY: DTS	N/A	QTY: 1	M	

HOLDOVER PLATES - Stainless Steel, Dual Circuit

Note: For **Single Circuit** plate, add the crossover assembly listed below.

-18° Freezer, 3 3/8" Thick FOR USE WITH R404A/409A SERIES ONLY!

Item No.	List Price USD	Model No. Plate BTUs	Description
257000091	\$1,025.00	16x14 -18 - 2095	16x14 Stainless Steel Holdover Plate
257000092	\$1,115.00	16x10 -18 - 1486	16x10 Stainless Steel Holdover Plate
257000094	\$1,065.00	20x10 -18 - 1914	20x10 Stainless Steel Holdover Plate
257000093	\$1,095.00	24x10 -18 - 2342	24x10 Stainless Steel Holdover Plate
257000083	\$1,185.00	24x13 -18 - 3086	24x13 Stainless Steel Holdover Plate

-9° Freezer, 3 3/8" Thick FOR USE WITH R404A/409A SERIES ONLY!

257000097	**	12x10 -9 - 1023	12x10 Stainless Steel Holdover Plate
257000085	\$930.00	16x10 -9 - 1438	16x10 Stainless Steel Holdover Plate
257000096	\$980.00	16x14 -9 - 2025	16x14 Stainless Steel Holdover Plate
257000088	**	20x8 -9 - 1480	20x8 Stainless Steel Holdover Plate
257000087	\$990.00	20x10 -9 - 1851	20x10 Stainless Steel Holdover Plate
257000086	\$1,200.00	24x10 -9 - 2265	24x10 Stainless Steel Holdover Plate
257000082	\$1,140.00	24x13 -9 - 2984	24x13 Stainless Steel Holdover Plate

**If interested in these items, please contact your Dometic Sales Representative.

0° Freezer, 3" Thick

257000014	**	12x10 0 - 1117	12x10 Stainless Steel Holdover Plate
257000008	\$850.00	16x10 0 - 1536	16x10 Stainless Steel Holdover Plate
257000009	\$925.00	16x14 0 - 2118	16x14 Stainless Steel Holdover Plate
257000005	\$865.00	20x8 0 - 1780	20x8 Stainless Steel Holdover Plate
257000006	\$905.00	20x10 0 - 1955	20x10 Stainless Steel Holdover Plate
257000007	\$935.00	24x10 0 - 2385	24x10 Stainless Steel Holdover Plate
257000015	\$1,020.00	24x13 0 - 3118	24x13 Stainless Steel Holdover Plate

**If interested in this item, please contact your Dometic Sales Representative.

26° Refrigerator, 3" Thick

257000032	\$825.00	12x10 26 - 1243	12x10 Stainless Steel Holdover Plate
257000027	\$850.00	16x10 26 - 1708	16x10 Stainless Steel Holdover Plate
257000028	\$905.00	16x14 26 - 2356	16x14 Stainless Steel Holdover Plate
257000022	\$1,045.00	20x8 26 - 1980	20x8 Stainless Steel Holdover Plate
257000023	\$935.00	20x10 26 - 2174	20x10 Stainless Steel Holdover Plate
257000024	\$990.00	24x10 26 - 2653	24x10 Stainless Steel Holdover Plate
257000025	\$1,265.00	24x13 26 - 3469	24x13 Stainless Steel Holdover Plate

EXPANSION VALVES

Expansion Valve Size	Total Refrigerator Holdover Plate Capacity	Total Freezer Holdover Plate Capacity
1/4	1000-3800 BTU	1000-3200 BTU
1/2	3800-7000 BTU	3200-6100 BTU
1	7000-13000 BTU	6100-11400 BTU

259332691	\$210.00	EV 1/4R-404A	Expansion Valve 1/4 - Refrigerator (R404A)
259332692	\$210.00	EV 1/4F-404A	Expansion Valve 1/4 - Freezer (R404A)
259332462	\$115.00	EV1/2R-404A	Expansion Valve 1/2 - Refrigerator (R404A)
259332463	\$115.00	EV1/2F-404A	Expansion Valve 1/2 - Freezer (R404A)
259332686	\$115.00	EV1R-404A	Expansion Valve 1 - Refrigerator (R404A)
259332687	\$115.00	EV1F-404A	Expansion Valve 1 - Freezer (R404A)

Note: The following expansion valves are factory set for R134A. They may require field adjustment if used for R12 or R409A.

259331456	\$115.00	EV1/4R -409/134	Expansion Valve 1/4 - Refrigerator (R409A, R12, or R134A)
259331457	\$115.00	EV1/4F -409/134	Expansion Valve 1/4 - Freezer (R409A, R12, or R134A)
259331458	\$115.00	EV1/2R -409/134	Expansion Valve 1/2 - Refrigerator (R409A, R12, or R134A)
259331459	\$115.00	EV1/2F -409/134	Expansion Valve 1/2 - Freezer (R409A, R12, or R134A)
259331462	\$115.00	EV1F -409/134	Expansion Valve 1 - Freezer (R409A, R12, or R134A)

THERMOSTATS

<u>Item No.</u>	<u>List Price USD</u>	<u>Model No.</u>	<u>Description</u>
259200100	\$165.00	T-STAT-I-R	Refrigeration T-Stat Assembly - Internal, 26 degree F plates
259200250	\$125.00	T-STAT-B-R	Refrigeration T-Stat Assembly - Bulkhead Mount, 26 deg F
259200200	\$155.00	T-STAT-I-F	Freezer T-Stat Assembly - Internal, 0 degree F plates
259200260	\$115.00	T-STAT-B-F	Freezer T-Stat Assembly - Bulkhead Mnt, 0 degree F plates
259200504	\$245.00	T-STAT-I -9 / -18	Freezer T-Stat Assembly - Internal, -9 & -18 degree F plates
259200505	\$175.00	T-STAT-B -9 / -18	Freezer T-Stat Assembly - Bulkhd Mnt, -9 & -18 deg F plates

PUMPS

DC CENTRIFUGAL MAGNETIC DRIVE SEAWATER PUMPS

225500018	\$385.00	PML150/12V	P-800 with bracket, 2 GPM @ 7' head .
225500019	\$725.00	P900-12V	P-900 - 12 Volt, 4.3GPM @ 7.5' head, 3.6GPM @ 10' head
225500022	\$725.00	P900-24V	P-900 - 24 Volt, 4.3GPM @ 7.5' head, 3.6GPM @ 10' head

Note: P-900 contains replaceable brushes (see pump parts section)

AC PUMPS

225500104	\$335.00	PDS250C (230V)	PDA250C Pump 50/60 Hertz (PC400Z)
225500004	\$365.00	PML250 (115V)	PML250 Pump 60 Hertz (P400)
225500014	\$375.00	PML250C (230V)	PML250C Pump 50/60 Hertz (P400Z)
225500005	\$440.00	PML500 (115V)	PML500 Pump 60 Hertz (P500)
225500016	\$470.00	PML500CL (230V)	PML500CL Pump 60 Hertz (P500Z)
225500015	\$470.00	PML500CK (220V)	PML500CK Pump 220 Volts 50 Hertz (P500Z-50)
225500064	\$460.00	PMA500 (115V)	PMA500 Pump 60 Hertz (P510)
225500068	\$465.00	PMA500C (230V)	PMA500C Pump 60 Hertz (P510Z)
225500067	\$455.00	PMA500CK (220V)	PMA500CK Pump 220 Volts 50 Hertz (P510Z50)
225500065	\$500.00	PMA1000 (115V)	PMA1000 Pump 60 Hertz (P310)
225500069	\$520.00	PMA1000C (230V)	PMA1000C Pump 50/60 Hertz (P310Z)

ADDITIONAL COMPONENTS

SOLENOID VALVES

259100300	\$265.00	SVC 12VLT	Solenoid Valve/Coil Assembly, 12 Volt
259100301	\$320.00	SVC 24VLT	Solenoid Valve/Coil Assembly, 24 Volt
259100050	\$530.00	1/4"TEE, 12VLT	Solenoid "T" Assembly, 12 Volt

CHECK VALVES

338568	\$70.00	1/2"CV	1/2" Check Valve
259100200	\$305.00	1/2"CV TEE	1/2" Check Valve Tee Assembly
259000002	\$300.00	1/2" CV TRIPLE	1/2" Check Valve Triple Tee Assembly

MISC.

338774	\$14.00	CUBE TRAY-H	Cube Tray - Horizontal
259000010	\$115.00	DAMPER	Damper Spillover
338630	\$200.00	RDT	Remote Dial Thermometer (35" dia, -20>120 degrees)
263400643	\$545.00	FAN ASY 10"	10" Max Flow Fan Field Replacement Kit for AC-HA units
291510044	\$120.00	TRANS w/PLATE	Transformer MAG FD8-16 with mounting plate
332897	\$11.00	RELAY12VDC	Pump Relay for PM, 12VDC SPNO 40AMP with mounting ear

TYPICAL TWO BOX APPLICATION COMPONENTS LIST & RELATED NOTES

A typical **two box** application that has one refrigerator box and one freezer box should consist of the following:

- 1) The condensing unit. Or two condensing units, one AC & one DC, if it is a **dual circuit** application as well.
- 2) Solenoid Valve Tee assembly (one per condensing unit), 12VDC solenoid for use with AC condenser, or DC solenoid must match the DC condensing unit's voltage (12, 24 or 32).
- 3) Check Valve Tee assembly (one per condensing unit).
- 4) Expansion Valves: Two per condensing unit, one for each box of a single circuit or two for each box of a dual circuit.
Valves must be ordered specifically for the capacity of the plate(s), type of box (refer or freezer), and refrigerant used.
- 5) T-Stats: Two per condensing unit (one for each box of a single circuit or two for each box of a dual circuit).
T-Stats must be ordered specifically for the type of box (refer or freezer) and the temperature of the holdover plate(s).
- 6) In a single circuit application the holdover plates will have crossovers while in a dual circuit system they will not.
- 7) A dual circuit system, with one AC condenser & one DC condenser, requires one AC pump & one DC pump.
- 8) Refer to drawing G2030015 in the Grunert AC/DC manual for a sample schematic of a two box, dual circuit system.
- 9) Solenoid Valves and Check Valves are not needed for single box applications.
- 10) Seawater pump(s) and related components to be sized for condensing unit(s).

PARTS

THERMOSTAT PARTS

<u>Item No.</u>	<u>List Price USD</u>	<u>Model No.</u>	<u>Description</u>
338551	\$75.00	TSTAT-REFER	Thermostat, w/72" Cap RFG w/Off A30-544/72" Cap RFG
338752	\$70.00	TSTAT-FRZR	Thermostat, w/72" Cap FRZR w/Off A30-2290-00

Note: The above replacement thermostats do not have a plate and are not used with Polar Mates.

QUICK DISCONNECT "QD" or "QC" FITTINGS FOR POLAR MATES

338484	\$47.00	M1/4"AER4/8/5502	Male #5 QD for Florida-built Polar Mates (thru early 2001)
338485	\$47.00	F1/4"AER4/8/5505	Female #5 QD for Florida-built Polar Mates (thru early 2001)
3123940	\$47.00	M1/4"5502-04B-06	Male #4A QC for Viginia-built Polar Mates (2001 to present)
3123930	\$47.00	F1/4"5505-04B-06	Female #4A QC for Viginia-built Polar Mates (2001 to present)

PUMP PARTS

331774	\$70.00	IMPLR PML250	PML250 Impeller, 1 3/4" Imp
334090	\$95.00	IMPLR PML500B	PML500 Impeller, 2 1/4" Imp (Black old style)
330118	\$75.00	IMPLR PML500W	PML500 Impeller, 2 3/8" Imp (White new style)
334080	\$80.00	IMPLR P300 MRCH	P300 Impeller, 2 7/8" Imp (March)
334080	\$80.00	IMPLR PMA1000MCH	PMA1000 Impeller, 2 7/8" Imp (March) June 1993 to date
330066	\$160.00	IMPLR P310 LGNT	P310 Impeller, 2 5/8" Imp (Little Giant) through May 1993
332843	\$43.00	PDA250 WEA	PML250 Wet End Assy (Pump Head, O-ring, Impeller, SS screws)
334005	\$220.00	PML250 WEA	PML250 Wet End Assy (Pump Head, Impeller, Gaskets & Seal)
332844	\$47.00	PDA500 WEA	PML500 Wet End Assy (Pump Head, O-ring, Impeller, SS screws)
330123	\$230.00	PML500 WEA	PML500 Wet End Assy (Pump Head, Impeller, Gaskets & Seal)
334058	\$270.00	PMA500 WEA LG	PMA500 Wet End Assy (Pump Head, Impeller, Gaskets & Seal)
331692	\$160.00	PMA500 WEA MRCH	PMA500 Wet End Assy (Pump Head, Impeller, Gaskets & Seal)
334007	\$220.00	PMA1000 WEA MCH	PMA1000 Wet End Assy (Head, Imp, Gskt&Seal) June '93 to date
334036	\$325.00	P310 WEA LGNT	P310 Wet End Assy (Head, Impel, Gskts & Seal) through May'93
338690	\$21.00	VLT REG P800	P800 Solid-State voltage regulator w/ integral heat sink
331073	\$37.00	BS PST PML500	Plastic base plate for PML500 or PMA500
225510005	\$16.00	BS PML500	Metal base plate for PML500 or PMA500
052001	\$60.00	Housing P400	Housing Assembly PML250 pump

FILTERS / DRIERS

369591	\$26.00	FLTR DR 1/4"	Filter / Drier for AC25, AC425, AC16HA, and AC416HA
338541	\$33.00	FLTR DR C082	F/D for AC450-4100, AC50-100, DC425-4100, DC25-100, A-HX-R
332717	\$75.00	FLTR DR C083	Filter / Drier for AC4150 & AC4200

CONDENSER FANS

338801	\$135.00	FAN BSDR 12V	Fan for Baysider 12V
330367	\$290.00	FAN DOCK 115V	Fan for AC416, AC16, 115V
263400643	\$545.00	FAN ACHA 10" 12V	Fan, Field Replacement kit, for AC-HA units, 10" max flow, 12V

WATER-COOLED CONDENSER COILS

297606238	\$460.00	CL CND AC450-75	Coil for AC450 - 475 (for older 475s than on next line)
297606603	\$670.00	CL CND AC475	Coil for AC475 - 2003 units w/item no. 25600017#
369627	\$295.00	CL CND AC50-75	Coil for AC50 - 75
331235	\$405.00	CL CND AC100-150	Coil for AC100 - 150

**If interested in these items, please contact your Dometic Sales Representative.

PRESSURE SWITCHES

332590	\$85.00	PSHG 400PSI	High Press 400psi OFF / 300psi ON, R22, and R406 systems
332468	\$170.00	PSHG 200PSI	High Press 200psi OFF / 150psi ON, R12, R134A, R406, R409A
332431	\$65.00	PSLW 5PSI	Low Pressure Control 5psi, R12, 134A, R404, R406 systems
338534	\$155.00	PS OIL	Oil Pressure Switch

AC PAINTED COMPRESSORS, 400 SERIES

Compressors for all applications.

<u>Item No.</u>	<u>List Price USD</u>	<u>Model No.</u>	<u>Description</u>
293013105	\$940.00	For AC450(HA)	1/2 HP Hermetic, 404A, 115 Volt
293045161	\$825.00	For AC450Z	1/2 HP Hermetic, 404A, 230 Volt
293013106	\$1,065.00	For AC475(HA)	3/4 HP Hermetic, 404A, 115 Volt

Compressors for all Evaporator Plates or 26O Refrigerator & 0O Freezer Holdover Plates.

NOTE: SPECIAL PRICING MAY BE AVAILABLE FOR THESE COMPRESSORS, CONTACT SALES TEAM.**SOLENOID COILS**

4070009	\$115.00	SC12	Solenoid Coil, 12 Volt, 10 Watt
4070010	\$115.00	SC24	Solenoid Coil, 24 Volt, 10 Watt

DC MOTORS

338712	\$1,195.00	MTR 1/4HP 12V	Motor 1/4HP, 12VDC for DC425
330153	\$1,600.00	MTR 1/2HP 12V	Motor 1/2HP, 12VDC for DC450
338753	\$1,495.00	MTR 1/2HP 24V	Motor 1/2HP, 24VDC for DC450
332027	\$1,755.00	MTR 3/4HP 12V	Motor 3/4HP, 12VDC for DC475
332294	\$1,390.00	MTR 3/4HP 24V	Motor 3/4HP, 24VDC for DC475
332404	\$1,810.00	MTR 1HP 24V	Motor 1HP, 24VDC for DC4100

DC BELT-DRIVEN COMPRESSORS

Compressors are no longer available, see Field Notice 210-J3 on the Customer News and Information website.

PULLEYS (dimensions are "outside dimensions")

For units manufactured starting November 1, 2003:

332181	\$95.00	AC35 X 5/8	3.5" Pulley x 5/8" Bore for DC4100BD
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For units manufactured before November 1, 2003:

338560	\$55.00	PLY 2.5 X 5/8	Pulley 2.5" x 5/8" for DC425/450, DC25/50
332181	\$95.00	PLY 3.5 X 5/8	Pulley 3.5" x 5/8" for DC433/475, DC33/75

BELTS

For units manufactured starting November 1, 2003:

332066	\$65.00	AX28	30" OD Belt, AX-28 for DC425-450BD
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For units manufactured before November 1, 2003:

332182	\$70.00	BLT AX-36	Belt for DC425 - 4100BD, DC25 - 100BD
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RELAYS FOR MARINER BELT DRIVE

338574	\$43.00	56F602	RELAY, 120VAC #56F950
333522	\$55.00	90-295Q 230/240V	RELAY, 240VAC SPDT/240

BRUSHES FOR LEESON DC MOTORS (on units built after 1990)

Price per brush (not sold in pairs).

330300	\$160.00	BRSH 12V	Brush 12V DC motor for 1/4HP, 1/3HP, 1/2HP and 1HP
332377	\$140.00	BRSH 24V	Brush 24V DC motor for 3/4HP

SHAFT SEAL KITS FOR OLD BLISSFIELD BELT DRIVEN COMPRESSORS

<u>Item No.</u>	<u>List Price USD</u>	<u>Model No.</u>	<u>Description</u>
338905	\$385.00	KIT SEAL BD	Seal Kit for Mariner Series, R134A / 409A

CLUTCH & COIL ASSEMBLIES FOR ENGINE DRIVEN (ED) COMPRESSORS

333998	\$515.00	CLTCH CL 150-12	Clutch with Coil for ED150BD - R12 / 134A / 409A, 12V
333611	\$650.00	CLTCH CL 150-24	Clutch with Coil for ED150BD - R12 / 134A / 409A, 24V

O-RING TO FLARE ADAPTERS FOR ENGINE DRIVEN (ED):

This kit includes the inserts and O-rings to convert the ports (suction and hot gas compressor) of the ED75 to flare connections.

332071	\$5.00	KIT ORING / FL	O-ring to flare adapter kit for ED75 (R12, R134A, R409A)
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KRA SECTION

CONDENSING UNITS

<u>Item No.</u>	<u>List Price (USD)</u>	<u>Description</u>
754000100	\$2,655.00	KRA025, Cond. Unit, Air/Water, 1/4 HP, 115V, 60Hz
754000101	\$2,790.00	KRA025/M-135, Cond. Unit, Air/Water, 1/4 HP, 115V, w/ ETC T-Stat
754000102	\$2,655.00	KRA025CK, Cond. Unit, Air/Water, 1/4 HP, 230V, 50Hz
754000104	\$2,635.00	KRA038, Cond. Unit, Air/Water, 3/8 HP, 115V, 60Hz
754000105	\$3,025.00	KRA038/M-135, Cond. Unit, Air/Water, 3/8 HP, 115V, w/ ETC T-Stat
754000106	\$2,890.00	KRA038CK, Cond. Unit, Air/Water, 3/8 HP, 230V, 50Hz
754000108	\$3,430.00	KRA050, Cond. Unit, Air/Water, 1/2 HP, 115V, 60Hz

EVAP TUBES

		(Pre-charged 3/8" copper tubing w/ QC's to wrap box)
221200518	\$455.00	ETA3C50, Evaporator Tube 50'
221200522	\$495.00	ETA3C57, Evaporator Tube 57'
221200519	\$545.00	ETA3C65, Evaporator Tube 65'
221200517	\$745.00	ETA3C100, Evaporator Tube 100'
221200521	\$1,040.00	ETA3C150, Evaporator Tube 150'

SUCTION LINES

221200636	\$195.00	SLA120, Suction Line, Insulated, 120", Copper
221200539	\$240.00	SLA144, Suction Line, Insulated, 144", Copper
221200560	\$285.00	SLA168, Suction Line, Insulated, 168", Copper
221200582	\$260.00	SLA180, Suction Line, Insulated, 180", Copper
221200541	\$280.00	SLA216, Suction Line, Insulated, 216", Copper
221200589	\$170.00	SLA24, Suction Line, Insulated, 24", Copper
221200583	\$295.00	SLA240, Suction Line, Insulated, 240", Copper
221200544	\$330.00	SLA300, Suction Line, Insulated, 300", Copper
221200543	\$185.00	SLA48, Suction Line, Insulated, 48", Copper
221200571	\$190.00	SLA60, Suction Line, Insulated, 60", Copper
221200513	\$200.00	SLA72, Suction Line, Insulated, 72", Copper
221200516	\$215.00	SLA96, Suction Line, Insulated, 96", Copper

LIQUID LINES

221200629	\$365.00	Liquid Line w/ CPV, 72" Copper
221200559	\$435.00	LLPA216, Liquid Line w/ CPV, 216" Copper
221200460	\$260.00	LLPA24, Liquid Line w/ CPV, 24" Copper
221200540	\$475.00	LLPA300, Liquid Line w/ CPV, 300" Copper
221200553	\$315.00	LLPA48, Liquid Line w/ CPV, 48" Copper

PLATE JUMPERS

PJA12-CI	\$200.00	Plate Jumper, Copper, Insul., 12" Wide, 4" Legs
PJA16x5-CI	\$205.00	Plate Jumper, Copper, Insul., 16" Wide, 5" Legs
259000023	\$205.00	PJA20x5-CI, Plate Jumper, Copper, Insul., 20" Wide, 5" Legs
259000024	\$225.00	PJA28x12-S, Plate Jumper, SS, 28" Wide, 12" Legs

SPLITTING LINES

238100034	\$480.00	LLYA, Liquid Line Splitting Assy, w/ 115V Solenoid Valves
238100035	\$215.00	SLYA, Suction Line Splitting Assy

LINESET PARTS

<u>Item No.</u>	<u>List Price (USD)</u>	<u>Description</u>
221200545	\$185.00	CPV, Constant Pressure Valve with QC & Flare Connections
3123800	\$85.00	Constant Pressure Valve, pre-set @3PSI
3123910	\$47.00	3/8" Female Quick-Connect (#5505-06B-06)
3123920	\$47.00	3/8" Male Quick-Connect (#5502-06B-06)
3123930	\$47.00	1/4" Female Quick-Connect (#5505-04B-06)
3123940	\$47.00	1/4" Male Quick-Connect (#5502-04B-06)
754000114	\$215.00	TXV assembly, 1/4HP
754000113	\$240.00	A-130, TXV assembly, 3/8HP
754000115	\$215.00	TXV assembly, 1/2HP

THERMOSTATS

4062302	\$145.00	ETC Electronic T-Stat, 120/230V, 1-Stage
4062303	\$410.00	ETC Electronic T-Stat, 120/230V, 2-Stage
4062309	\$210.00	Temp Control TS2 115V, 16A (Temp. sensor purchased separately)
4062310	\$210.00	Temp Control TS2 12V, 16A (Temp. sensor purchased separately)
4062311	\$37.00	Sensor TS Temp Control 5'

Notes: 1. Order 753000128 (A-137) for thermistor cover on all four above T-Stats.

2. Order A-139 for surface mounting kit for two TS2 Digital T-Stats.

TECHNICIAN TOOLS

9011600	\$795.00	Gauge, Vacuum Electronic Micron
9040101	\$800.00	UV Light-115VAC w/ Special Glasses

ACCESSORIES

753000128	\$10.00	A-137, White Thermistor Cover with Screws and Label
A-139	\$365.00	Surface mount kit for TS2 control
758002006	\$310.00	Condensing Unit Relay 115V, 2 Triggers
334040	\$345.00	PML250, Seawater Pump-Submersible 115V
334002	\$360.00	PML250C, Seawater Pump-Submersible 230V
221200581	\$270.00	Liquid Line Filter Drier with QD

REPLACEMENT PARTS

2054216	\$260.00	Fan Axial KR025, 038 115VAC
2054217	\$260.00	Fan Axial KR025, 038 230VAC
2054215	\$260.00	Fan Axial KR050 115VAC
3023102	\$370.00	Coil Condenser Air KR 1/4 & 3/8
298001127	\$275.00	R3600-KRA, Coil Condenser Water KRA 1/4 & 3/8
3011011	\$520.00	Compressor, Refrig, 1/4HP, Tecumseh, 115V 60Hz
3011012	\$520.00	Compressor, Refrig, 1/4HP, Tecumseh, 220V 50Hz
3011014	\$550.00	Compressor, Refrig, 3/8HP, Tecumseh, 115V 60Hz
3011015	\$550.00	Compressor, Refrig, 3/8HP, Tecumseh, 220V 50Hz
3011017	\$860.00	Compressor, Refrig, 1/2HP, Tecumseh, 115V 60Hz
044900	\$25.00	Overload for 1/4HP & 3/8HP KRA Comps, AEA2410, 2413
4129010	\$47.00	Start Relay for 1/4HP & 3/8HP KRA Comps, AEA2410, 2413
4040290	\$42.00	Start Cap for 1/4HP & 3/8HP KRA Comps, AEA2410, 2413
4040295	\$34.00	Start Capacitor for 1/2HP KRA Compressor, AJA2419
3150404	\$145.00	Receiver/filter, 3/8" OD Solder, 8" Tall (KRA Units)
9011401	\$1.00	Cap Red for 9011400, Gage Port
9011411	\$1.00	Cap Blue for 9011410, Gage Port
3086800	\$42.00	Glass Sight Moisture Indicator, Sweat
722400012	\$41.00	A-556, MOV Surge Suppressor (Blue)
4080104	\$5.00	Strip Terminal 4 Lug
5082410	\$6.00	Nut, Well, Threaded Rubber Insert 1/4"x20
3123751	\$130.00	TXV 1/4HP
3123750	\$130.00	TXV 3/8HP
3123752	\$130.00	TXV 1/2HP

ADLER BARBOUR SECTION

Condensing Units

Item No.	List Price (USD)	Description
755400000	\$1,145.00	CU-100, ColdMachine™, Self-Seal QC, Medium Refrigerator, Cool Water, 12VDC
755410000	\$1,270.00	CU-200, SuperColdMachine™, Self-Seal QC, Restricted Space, Tropical Water, 12VDC
CU-54	\$905.00	50 Series Condensing Unit, Horizontal, Long Layout, 12/24VDC
CU-55	\$905.00	50 Series Condensing Unit, Square Layout, 12/24VDC
CU-84	\$965.00	80 Series Condensing Unit, Horizontal Layout, 12/24VDC
CU-85	\$965.00	80 Series Condensing Unit, Square Layout, 12/24VDC
CU-86	\$965.00	80 Series Condensing Unit, Vertical or Wall Mount Layout, 12/24VDC

Evaporators

50 Series (to be used with the 50 Series ONLY)

VD-01	\$210.00	L-Shaped Evap, Horizontal and Vertical Installation
VD-02	\$205.00	Plate Evap, Horizontal and Vertical Installation
VD-07	\$215.00	Standard O-Shaped Evap, Horizontal and Vertical Installation
VD-17	\$490.00	Closed Aluminum Rollbond Evap, Horizontal and Vertical Installation

80 Series (to be used with the 80 Series ONLY)

VD-04	\$225.00	Plate Evap, Horizontal and Vertical Installation, 3.9"D x 14.8"W x 10"H
VD-05	\$225.00	Plate Evap, Horizontal and Vertical Installation, 1"D x 14.8"W x 13.7" H
VD-18	\$220.00	Plate Evap, Rear Wall Installation
VD-08	\$345.00	Angle Evap, For Refrigerator or Freezer up to 2.5 cu.ft.
VD-09	\$295.00	Large-Sized Evap, Horizontal and Vertical Installation
VD-15	\$455.00	High-Performance Forced Air Evap.**

Notes:

1. The VD-15 is suited for large cooling volumes and high ambient temperatures.
2. Comes with white plastic housing with brushless fan.

ColdMachine™ and SuperColdMachine™ (to be used with the CU-100 & CU-200 ONLY)

755500000	\$587.00	VD-150, Small Vertical Evaporator, Without Door, Self-Seal QC
755510000	\$587.00	VD-151, Small Horizontal Evaporator, With Door, Self-Seal QC
755520000	\$683.00	VD-152, Large Vertical Evaporator, Without Door, Self-Seal QC
755530000	\$683.00	VD-153, Large Horizontal Evaporator, With Door, Self-Seal QC
755560000	\$900.00	VD-160, Power Plate Evaporator, With Analog Thermostat, Self-Seal QC

Kits

CS-NC-15	\$890.00	Compact Compressor Cooling Kit
C8075	\$165.00	Booster Blow Duct Kit for CU-100
C8071	\$280.00	Booster Blow Duct Kit for CU-200
C8079	\$165.00	Vent Duct Kit for CU-100
C8070	\$165.00	Vent Duct Kit for CU-200
C8350	\$650.00	Cool Water Kit with 12V Pump for CU-200

Accessories

<u>Item No.</u>	<u>List Price (USD)</u>	<u>Description</u>
3123920	\$47.00	Coupling, QC, 3/8" Male, Size 4
3123930	\$47.00	Coupling, QC, 1/4" Female, Size 4
755570000	\$195.00	Adapter - One Shot for new QCs*
4030002	\$260.00	Z5006 Electronic Module, Standard
4030003	\$435.00	Z5007 Electronic Module, Hard Start
4030004	\$255.00	Electronic Module RFI
758000005	\$755.00	AB3017, Electronic Module, 4 Pin, 12V Controller
C7210	\$315.00	Automatic Spill-Over Fan Kit, Analog
E1134	\$95.00	Mounting Bracket for CU-100 and CU-200
F1701	\$65.00	Verticube Ice tray w/ Polygrid Inserts
8141430	\$8.00	Z3301 Ice Tray - Horizontal
8141431	\$6.00	Z3302 Polygrid for Verticube
4060202	\$26.00	D8072 Thermostat Spill-Over, Yellow Dot
4060203	\$26.00	E1391 Thermostat Powerplate/Freezer, White Dot
4060204	\$34.00	Z3202 Thermostat Refrigerator, Blue Dot
4030592	\$60.00	Z3281 Fan 12VDC, Condenser (CU-100 and CU-200)
4030593	\$33.00	Z5020 Fan 12VDC, Mini, Spillover
C1502JR1500	\$140.00	Thermostat Asm Analog, with 1500 Ohm Resistor (All VD's Freezer)
F1710JR270	\$135.00	Thermostat Small Evaporator Asm Analog, with 270 Ohm Resistor (VD-150 and VD-151)
F1710JR680	\$125.00	Thermostat Large Evap Analog, w/680 Ohm Resistor (VD-152 and VD-153)
Z4071FJR1500	\$360.00	Digital T-Stat for VD-160 & 0^ plate
Z4071R	\$360.00	Digital T-Stat for Refrigerator
Z4071F	\$360.00	Digital T-Stat for Freezer
4030011	\$130.00	F1886 PCB Stuffed (CU-100 and CU-200)
F1884	\$460.00	Replacement PCB Stuffed and Danfoss Module
Z5047	\$105.00	One Shot Coupling Kit
755570010	\$330.00	C9631 with new Self-Seal QCs, Power Plate Tube Set, One Shot
C9617-OS	\$225.00	5ft Tube Set Extension, with new Self-Seal QCs, One Shot Couplings
3011005	\$520.00	Compressor 12/24 Danfoss BD50F
3309095.002	\$260.00	Module, Danfoss for above compressor

**If interested in these items, please contact your Dometic Applications Representative.

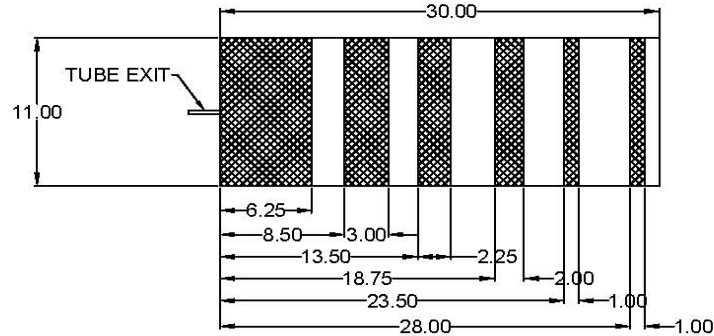
***Note:** If buying a new evaporator with new QCs to use with an older condensing unit, you must purchase One-Shot Adapter

Custom Evaporator Worksheet VD-150 Plate

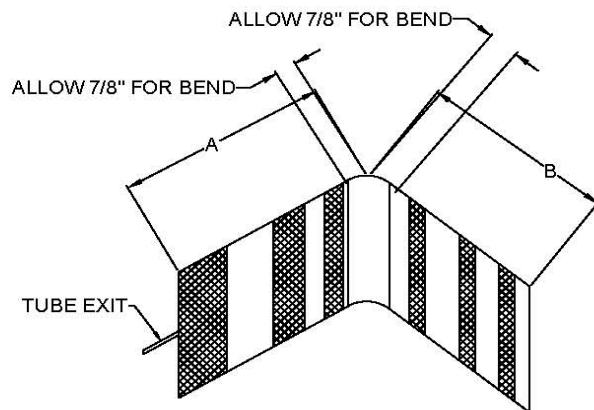
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REV	DATE	REVISION DESCRIPTION	DWG	APR
A	9/16/11	REV BASE EVAP P/N, ADDED LINE LENGTH SPEC, CAD928-11	DRR	DA
B	11/1/11	REVISED LINE LENGTH FROM IN TO FT, CAD1053-11	DRR	DA

BASE EVAP: 8101308
30 LONG X 11 HIGH



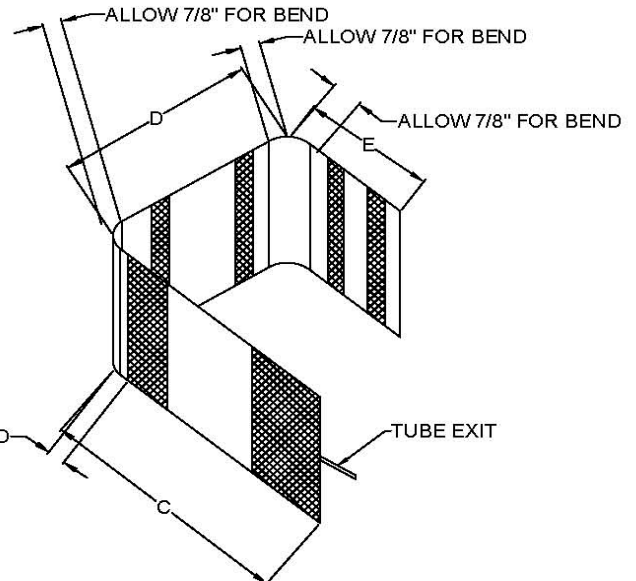
■ HATCH AREAS = "NO BEND ZONES"



TYPICAL "L" SHAPED EVAP
A _____ +/- 3/8"
B _____ +/- 5/8"
A + B = 40.62"

LINE LENGTH FROM PLATE TO QD. (SPECIFY ONE)
7.50 FT ☐
15.0 FT ☐

TUBE EXIT _____ (TOP/BOTTOM)



TYPICAL "U" SHAPED EVAP
C _____ +/- 3/8"
D _____ +/- 3/8"
E _____ +/- 5/8"
C + D + E = 41"

ENTER "A" & "B" FOR L OR ENTER "C", "D", & "E" FOR U-SHAPED EVAPORATOR
SPECIFY TOP OR BOTTOM TUBE EXIT AND TUBE LENGTH

IF BENDS NEED TO BE IN
A NO BEND ZONE
CONSULT FACTORY FIRST

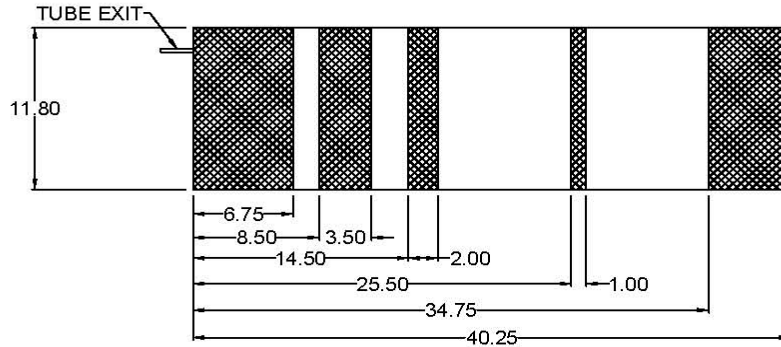
Dometic Corporation			
CUSTOM EVAPORATOR WORK SHEET VD-150 PLATE			
DATE: 6/15/11	DWG BY: DRR	PART NUMBER: 8101308	DWG 8101308
SCALE: NTS	APR BY: BJL		REV B

Custom Evaporator Worksheet VD-152 Plate

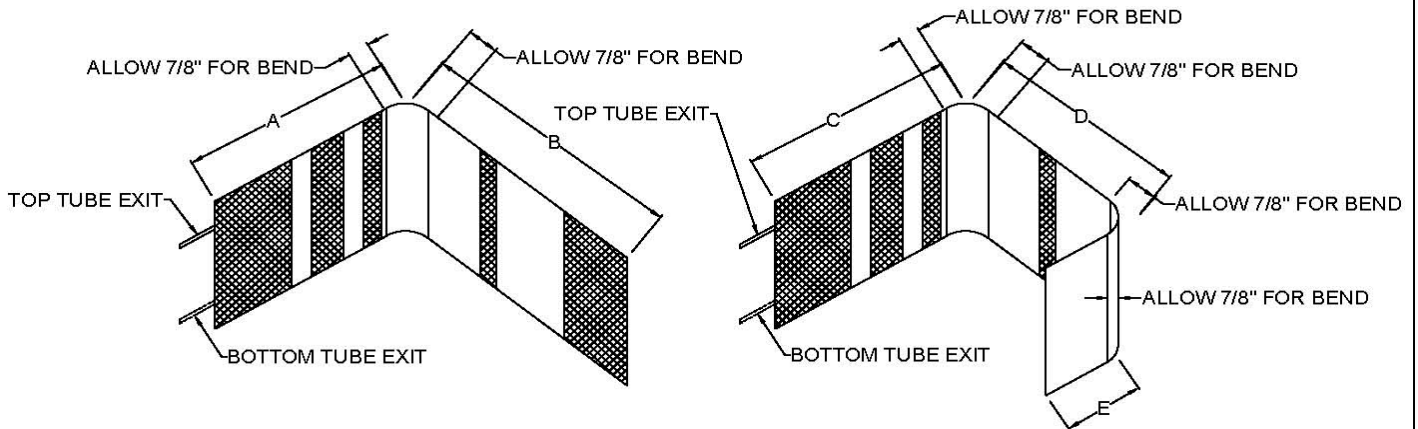
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REV	DATE	REVISION DESCRIPTION	DWG	APR
A	9/16/11	REV BASE EVAP P/N, ADDED LINE LENGTH SPEC, CAD929-11	DRR	DA
B	11/1/11	REVISED LINE LENGTH FROM IN TO FT, CAD1053-11	DRR	DA

BASE EVAP: 8101307
40.25 LONG X 11.80 HIGH



■ HATCH AREAS = "NO BEND ZONES"



TYPICAL "L" SHAPED EVAP

A _____ +/- 3/8"

B _____ +/- 5/8"

A + B = 40.62"

LINE LENGTH FROM PLATE TO

QD. (SPECIFY ONE)

7.50 FT ☐

15.0 FT ☐

TYPICAL "U" SHAPED EVAP

C _____ +/- 3/8"

D _____ +/- 3/8"

E _____ +/- 5/8"

C + D + E = 41"

TUBE EXIT _____ (TOP/BOTTOM)

ENTER "A" & "B" FOR L OR ENTER "C", "D", & "E" FOR U-SHAPED EVAPORATOR

SPECIFY TOP OR BOTTOM TUBE EXIT AND TUBE LENGTH

IF BENDS NEED TO BE IN
A NO BEND ZONE
CONSULT FACTORY FIRST

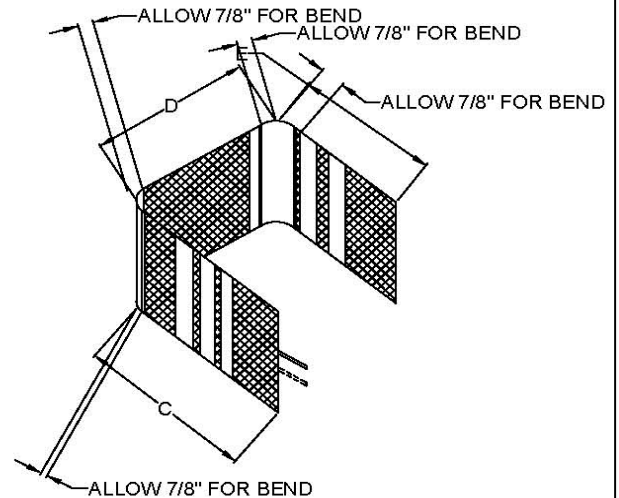
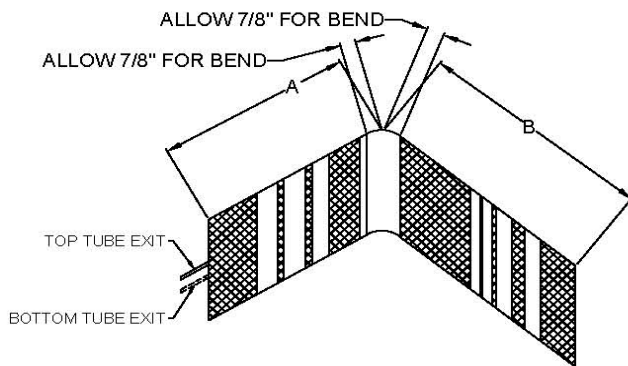
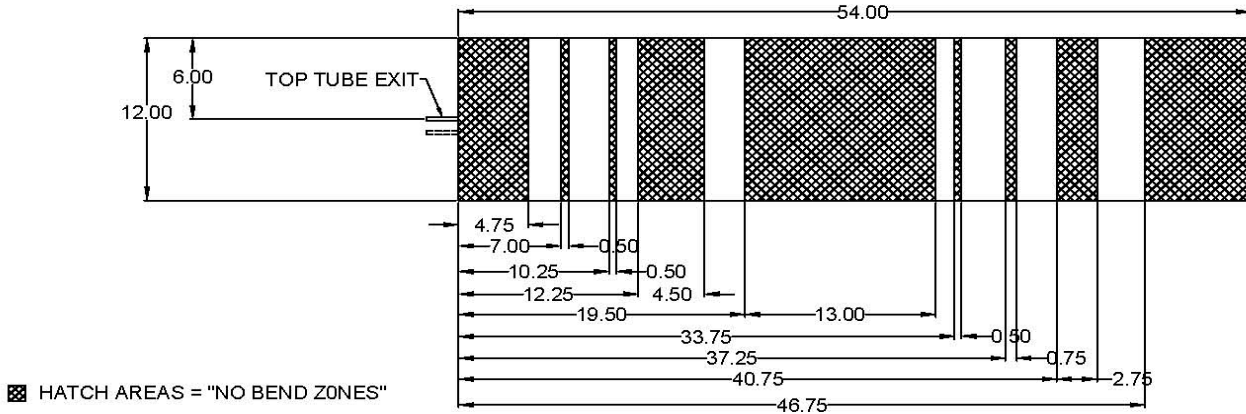
Dometic Corporation			
CUSTOM EVAPORATOR WORK SHEET VD-152 PLATE			
DATE: 6/15/11	DWG BY: DRR	PART NUMBER: 8101307	DWG 8101307
SCALE: NTS	APR BY: BJL		REV B

Custom Evaporator Worksheet VD-154 Plate

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REV	DATE	REVISION DESCRIPTION	DWG	APR
A	9/16/11	REV BASE EVAP P/N, ADDED LINE LENGTH SPEC, CAD930-11	DRR	DA
B	11/1/11	REVISED LINE LENGTH FROM IN. TO FT., CAD1053-11	DRR	DA

BASE EVAP: 8101305
54 LONG X 12 HIGH



TYPICAL "L" SHAPED EVAP

A _____ +/- 3/8"

B _____ +/- 5/8"

A + B = 40.62"

LINE LENGTH FROM PLATE TO QD. (SPECIFY ONE)

7.50 FT ☐

15.0 FT ☐

TUBE EXIT _____ (TOP/BOTTOM)

TYPICAL "U" SHAPED EVAP

C _____ +/- 3/8"

D _____ +/- 3/8"

E _____ +/- 5/8"

C + D + E = 41"

ENTER "A" & "B" FOR L OR ENTER "C", "D", & "E" FOR U-SHAPED EVAPORATOR

SPECIFY TOP OR BOTTOM TUBE EXIT AND TUBE LENGTH

IF BENDS NEED TO BE IN A NO BEND ZONE
CONSULT FACTORY FIRST

Dometic Corporation

CUSTOM EVAPORATOR WORK SHEET
VD-154 PLATE

DATE: 7/13/11

DWG BY: DRR

PART NUMBER:

DWG

8101305

REV B

SCALE: NTS

APR BY: BJL

8101305

ESKIMO ICE SECTION

Ice Cube

<u>Item No.</u>	<u>List Price (USD)</u>	<u>Description</u>	<u>Description #2</u>
252000032	\$11,300.00	EI250D-115-WP 15'	115V pump w/15' hose/ins ¹
252000034	\$10,880.00	EI250D-115-OP 15'	115V, no pump, w/15' hose/ins ¹
252000057	\$10,790.00	EI250D-115	115V ²
252000059	\$10,790.00	EID250D-220V/50	220V/50Hz ²
252000040	\$12,200.00	EI540D-115	115V ²
252000041	\$12,200.00	EI540D-230	230V ³
252000042	\$12,500.00	EI540D-220	220V/50Hz ²

Notes:

1. Kit includes Unit, Digital control and sensor, and ice thru hull.
2. Comes with digital display and ice bin sensor as standard.

Eskimo Ice 540D Units with Digital Controls

252000540	\$12,290.00	EI540D-115-OP 15'	115V no pump w/15' hose/ins
252000541	\$12,290.00	EI540D-230-OP 15'	230V no pump w/15' hose/ins
252000542	\$12,620.00	EI540D-115-WP 15'	115V pump w/15' hose/ins
252000543	\$12,620.00	EI540D-230-WP 15'	230V pump w/15' hose/ins
252000544	\$12,410.00	EI540D-115-OP 35'	115V no pump w/35' hose/ins
252000545	\$12,410.00	EI540D-230-OP 35'	230V no pump w/35' hose/ins
252000546	\$12,740.00	EI540D-115-WP 35'	115V pump w/35' hose/ins
252000547	\$12,740.00	EI540D-230-WP 35'	230V pump w/35' hose/ins
252000548	\$12,200.00	EI540D-115-OP 0'	115V no pump/ no hose/ins
252000549	\$12,200.00	EI540D-230-OP 0'	230V no pump/ no hose/ins

Note: Kit includes Unit, Digital control and sensor, condensate pan and ice thru hull unless otherwise noted.

Replacement Parts

Self-Contained Digital Systems

<u>Item No.</u>	<u>List Price (USD)</u>	<u>Description</u>
252000107	\$48.00	Repl Y-Strainer w/fittings
252000118	\$1,870.00	Retrofit Kit to Upgrade to Digital
252000200	\$70.00	Ice Thru Hull - Straight
252000201	\$460.00	Condensate Pan - painted
252000202	\$130.00	Ice Thru Hull - 90 degree
226000052	\$7.00	1.25" Clear Vinyl Hose - Per Foot
226000053	\$5.00	1.625" white insulation for hose Per Foot 1/2" wall
297600701	\$860.00	Condensor Coil - Painted
297600702	\$90.00	Plastic Drip Pan - Painted
333360	\$17.00	Auger Motor Run Cap Fits 115 volt and 230 volt
4037000	\$75.00	Top Upper Bearing
4037001	\$60.00	Bottom Lower Bearing
4037003	\$28.00	Spout gasket
4037005	\$3,825.00	Auger (Blade only - Stainless Steel)
4037012	\$145.00	Coupling
4037013	\$435.00	Water Seal (2 parts)
4037020	\$15.00	Auger motor bearing
4037028	\$5.00	Woodruff Key
4050004	\$17.00	Spout Switch
3080032	\$95.00	Constant Pressure Valve
3150309	\$240.00	Water Filter Assembly
3150310	\$215.00	Replacement Filter (2 per pack)
252000127	\$1,535.00	Compressor, painted with tubes 115V
252000126	\$1,475.00	Compressor, painted with tubes 230V
252000119	\$285.00	Replacement water reservoir

Remote Digital Systems

Auger Units

4030200	\$2,500.00	Auger Motor - 115V
4030201	\$2,500.00	Auger Motor - 230V
4037005	\$3,825.00	Auger (Blade only - Stainless Steel)
3080032	\$95.00	Constant Pressure Valve
0440193	\$1.43	Nut, poly 1/8" hex for float switch
4020010	\$37.00	Switch, float snl stg vrt mnt
4050004	\$17.00	Snap Switch (ice clog)
4163799	\$220.00	Wiring harness EIR600D Auger
752000010	\$240.00	Photo Electric Eye

Condensing Units

752000205	\$4,095.00	EIR600CD Condensing Unit, 230V
252000126	\$1,475.00	Compressor - painted, 230V
297600697	\$1,490.00	Compressor - painted, 115V
4024212	\$42.00	Low Pressure Switch
4024302	\$26.00	High Pressure Switch
4040019	\$65.00	Start Relay, 230V
4040023	\$48.00	Start Capacitor, 230V
4040024	\$36.00	Start Relay, 115V
4040025	\$35.00	Start Capacitor, 115V
4043102	\$44.00	Overload, 230V

Controls Digital

<u>Item No.</u>	<u>List Price (USD)</u>	<u>Description</u>
752000301	\$1,125.00	EIR600D 115/230 Complete Control Box
252000120	\$160.00	Display, Digital
4021100	\$6.00	Switch, Rocker Reset Button
4021102	\$7.00	Cover, Rocker Switch Reset Button
4160077	\$290.00	Harness, EIR600D 6' Condensor-Cntrl Box
4220035	\$590.00	Control Board, PCB

Self-Contained Mechanical Systems With Captube

252000107	\$48.00	Repl Y-Strainer w/fittings
4037020	\$15.00	Auger motor bearing
4037012	\$145.00	Coupling
4037013	\$435.00	Water Seal (2 parts)
4037000	\$75.00	Top Upper Bearing
4037001	\$60.00	Bottom Lower Bearing
4037003	\$28.00	Spout gasket
4020003	\$170.00	Spout Switch
4020004	\$65.00	Water Pressure Switch
4020005	\$12.00	Water Pressure Switch Cover - Red Vinyl
252000104	\$160.00	Water Reservoir
333360	\$17.00	Auger Motor Run Cap
4062305	\$70.00	Sensor for Temp Control (ETC) 10'
259200301	\$315.00	Temp Control Assembly
252000200	\$70.00	Ice Thru Hull - Straight
252000202	\$130.00	Ice Thru Hull - 90 degree
225500226	\$340.00	Raw water Pump
225500227	\$360.00	Raw water Pump
4037028	\$5.00	Woodruff Key
252000201	\$460.00	Condensate Pan - painted
4020003	\$170.00	Spout Switch Button 15A 125/250V
4037005	\$3,825.00	Auger (Blade only - Stainless Steel)
226000052	\$7.00	1.25" Clear Vinyl Hose - Per Foot
226000053	\$5.00	1.625" white insulation for hose Per Foot
297600702	\$90.00	Plastic Drip Pan - Painted
297600701	\$860.00	Condensor Coil - Painted

Remote Mechanical Systems with Smart Relay**Auger Units**

4036000	\$12,035.00	Auger and Gearbox
4030200	\$2,500.00	Auger Motor - 115V
4030201	\$2,500.00	Auger Motor - 230V
4131602	\$21.00	Relay (motor start error), 115V
4131603	\$21.00	Relay (motor start error), 230V
3123800	\$85.00	Constant Pressure Valve
4050000	\$16.00	Reed Switch (water reservoir)
4050004	\$17.00	Snap Switch (ice clog)
752000010	\$240.00	Photo Electric Eye

Condensing Units

<u>Item No.</u>	<u>List Price (USD)</u>	<u>Description</u>
3011020	\$630.00	Compressor - unpainted
3011021	\$630.00	Compressor - unpainted, 230V
4024302	\$26.00	High Pressure Switch
4024212	\$42.00	Low Pressure Switch
4170000	\$360.00	Power Supply
4129030	\$80.00	Start Relay, 115V
4129031	\$55.00	Start Relay, 230v
4134101	\$80.00	Solid State Relay
4040115	\$14.00	Run Capacitor, 115V
4040295	\$34.00	Start Capacitor, 115V
4040106	\$60.00	Start Capacitor, 230V

Miscellaneous**Digital Systems**

222103000	\$29.00	15' RJ45 Display Cable, Self-contained and Remote Systems
222103005	\$60.00	20' RJ45 Display Cable, Self-contained and Remote Systems
222103020	\$70.00	30' RJ45 Display Cable, Self-contained and Remote Systems
222103060	\$95.00	40' RJ45 Display Cable, Self-contained and Remote Systems
222103100	\$105.00	50' RJ45 Display Cable, Self-contained and Remote Systems
4163820	\$255.00	EIR600D Extension Auger-Condensor - 10', Remote System
4163821	\$310.00	EIR600D Extension Auger-Condensor - 20', Remote System
4163822	\$375.00	EIR600D Extension Auger-Condensor - 30', Remote Systems
4163823	\$595.00	EIR600D Extension Auger-Condensor - 40', Remote Systems

Mechanical Systems

4163791	\$270.00	Eskimo Display Cable - 10', Remote Systems
4163792	\$315.00	Eskimo Display Cable - 20', Remote Systems

Digital and Mechanical Systems

225500226	\$340.00	PML250 115V Raw Water Pump - no fittings, Self-contained and Remote Systems
225500227	\$360.00	PML250 230V Raw Water Pump - no fittings, Self-contained and Remote Systems
221200546	\$345.00	Lineset 5', Remote Systems
221200532	\$390.00	Lineset 10', Remote Systems
221200508	\$485.00	Lineset 20', Remote Systems
221200506	\$580.00	Lineset 30', Remote Systems

PRODUCT CANCELLATION POLICY

Dometic Environmental manufactures a broad range of products that are made available to our extensive customer base in two distinct categories:

1. The majority of our sales volume is derived from products that are ordered on a consistent basis and therefore are placed into our Stocking Profile Matrix (SPM). These items are classified as Standard/Stock because we generally have multiple customers for like items and we produce these products on a continuous basis.
2. We also offer for sale, a wide variety of products that do not meet the criteria for SPM but we have established part numbers along with current pricing for them. These products are manufactured as the result of a specific customer's request and are only built to order. To distinguish between SPM products and these products, we classify them in our computer system as Active Special Order. So that we continue to meet the demands of all customers and stay flexible with our manufacturing mix, these products are only built to order.

In order to ensure that we make the best use of our resources, we find it necessary to establish a firm order cancellation policy and in some cases request a deposit before an order is started in manufacturing.

Any product ordered that is categorized as “active special order” will be considered non-cancellable. In addition, we **reserve the right to request a deposit on any order that contains items that are designated as “active special order”.** The status of all parts can be viewed on the E-Dometic website at anytime.

How does this work? Once the order is acknowledged, a deposit is received (if requested) and the parts ordering/manufacturing process is started, these items are non-cancellable.

An exception to the above is the process for Custom Wood Grilles and Custom Plenums. These items can be cancelled up to 5 business days prior to scheduled ship date.

Definitions:

- | | | |
|----|----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1. | Stocking Profile (A) | Products that are regularly sold and have activity at least 70% of the past 12 months or 100% of the past 3 months. (will show Active in the computer) |
| 2. | Active Saleable (A) | All items sold or used at least four out of the past twelve months. |
| 3. | Active Special Order (AS) | All items sold or used less than four out of the past twelve months. Items being replaced or no longer used in production. Active Special Order is also specified as a product that only has one customer. |
| 4. | Obsolete (K) | Items with no history in the past eighteen months. |

All order confirmations clearly indicate if an item ordered is a special order. If you buy direct from Dometic you have access to our E-Dometic site that shows the status of all parts. If you purchase through a Dealer or Distributor please contact them in advance of placing your order if you are uncertain about the status of the part you are ordering and have them confirm status for you.

Revised 7/10/07



Dometic Corporation, Environmental Division

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